

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION  
MIL-PRF-83446  
COILS, RADIO FREQUENCY, CHIP, FIXED OR VARIABLE,  
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-83446. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

The activity responsible for this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.



| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/4-01A              | 103-121K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-01B              | 103-121KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-01C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-01E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-01F              | 103-121KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-02A              | 103-151K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-02B              | 103-151KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-02C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-02E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-02F              | 103-151KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-03A              | 103-181K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-03B              | 103-181KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-03C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-03E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-03F              | 103-181KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-04A              | 103-221K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-04B              | 103-221KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-04C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-04E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-04F              | 103-221KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-05A              | 103-271K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-05B              | 103-271KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-05C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-05E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-05F              | 103-271KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-06A              | 103-331K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-06B              | 103-331KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-06C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-06E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-06F              | 103-331KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-07A              | 103-391K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-07B              | 103-391KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-07C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-07E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-07F              | 103-391KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-08A              | 103-471K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/4-08B              | 103-471KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-08C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-08E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-08F              | 103-471KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-09A              | 103-561K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-09B              | 103-561KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-09C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-09E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-09F              | 103-561KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-10A              | 103-681K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-10B              | 103-681KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-10C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-10E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-10F              | 103-681KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-11A              | 103-821K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-11B              | 103-821KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-11C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-11E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-11F              | 103-821KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-12A              | 103-102K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-12B              | 103-102KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-12C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-12E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-12F              | 103-102KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-13A              | 103-122K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-13B              | 103-122KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-13C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-13E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-13F              | 103-122KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-14A              | 103-152K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-14B              | 103-152KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-14C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-14E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-14F              | 103-152KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-15A              | 103-182K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-15B              | 103-182KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-15C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-15E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-15F              | 103-182KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-16A              | 103-222K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-16B              | 103-222KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-16C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-16E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-16F              | 103-222KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-17A              | 103-272K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-17B              | 103-272KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-17C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-17E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-17F              | 103-272KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-18A              | 103-332K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-18B              | 103-332KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-18C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-18E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-18F              | 103-332KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-19A              | 103-392K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |

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| M83446/4-19B              | 103-392KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-19C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-19E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-19F              | 103-392KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-20A              | 103-472K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-20B              | 103-472KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-20C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-20E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-20F              | 103-472KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-21A              | 103-562K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-21B              | 103-562KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-21C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-21E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-21F              | 103-562KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-22A              | 103-682K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-22B              | 103-682KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-22C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-22E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-22F              | 103-682KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-23A              | 103-822K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-23B              | 103-822KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-23C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-23E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-23F              | 103-822KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-24A              | 103-103K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-24B              | 103-103KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-24C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-24E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-24F              | 103-103KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-25A              | 103-123K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-25B              | 103-123KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-25C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-25E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-25F              | 103-123KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-26A              | 103-153K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-26B              | 103-153KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-26C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-26E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-26F              | 103-153KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-27A              | 103-183K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-27B              | 103-183KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-27C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-27E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-27F              | 103-183KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-28A              | 103-223K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-28B              | 103-223KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-28C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-28E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-28F              | 103-223KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-29A              | 103-273K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-29B              | 103-273KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-29C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-29E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-29F              | 103-273KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-30A              | 103-100M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/4-30B              | 103-100MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-30C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-30E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-30F              | 103-100MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-31A              | 103-150M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-31B              | 103-150MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-31C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-31E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-31F              | 103-150MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-32A              | 103-220M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-32B              | 103-220MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-32C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-32E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-32F              | 103-220MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-33A              | 103-330M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-33B              | 103-330MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-33C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-33E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-33F              | 103-330MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-34A              | 103-470M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-34B              | 103-470MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-34C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-34E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-34F              | 103-470MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-35A              | 103-680M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-35B              | 103-680MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-35C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-35E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-35F              | 103-680MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-36A              | 103-101M                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-36B              | 103-101MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-36C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-36E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-36F              | 103-101MS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-37A              | 103-100K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-37B              | 103-100KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-37C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-37E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-37F              | 103-100KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-38A              | 103-120K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-38B              | 103-120KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-38C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-38E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-38F              | 103-120KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-39A              | 103-150K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-39B              | 103-150KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-39C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-39E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-39F              | 103-150KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-40A              | 103-180K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-40B              | 103-180KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-40C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-40E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-40F              | 103-180KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-41A              | 103-220K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/4-41B              | 103-220KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-41C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-41E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-41F              | 103-220KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-42A              | 103-270K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-42B              | 103-270KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-42C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-42E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-42F              | 103-270KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-43A              | 103-330K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-43B              | 103-330KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-43C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-43E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-43F              | 103-330KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-44A              | 103-390K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-44B              | 103-390KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-44C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-44E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-44F              | 103-390KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-45A              | 103-470K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-45B              | 103-470KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-45C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-45E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-45F              | 103-470KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-46A              | 103-560K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-46B              | 103-560KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-46C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-46E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-46F              | 103-560KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-47A              | 103-680K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-47B              | 103-680KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-47C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-47E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-47F              | 103-680KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-48A              | 103-820K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-48B              | 103-820KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-48C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-48E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-48F              | 103-820KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-49A              | 103-101K                                        | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-49B              | 103-101KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-49C              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-49E              | 103+                                            | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/4-49F              | 103-101KS                                       | 83446-610-86                          | /4                          | API Delevan, Inc.                         |
| M83446/5-01A              | 5001A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-01F              | 5001F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-02A              | 5002A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-02F              | 5002F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-03A              | 5003A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-03F              | 5003F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-04A              | 5004A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-04F              | 5004F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-05A              | 5005A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-05F              | 5005F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-06A              | 5006A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |

[illegible]

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/5-34A              | 5034A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-34F              | 5034F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-35A              | 5035A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-35F              | 5035F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-36A              | 5036A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-36F              | 5036F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-37A              | 5037A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-37F              | 5037F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-38A              | 5038A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-38F              | 5038F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-39A              | 5039A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-39F              | 5039F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-40A              | 5040A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-40F              | 5040F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-41A              | 5041A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-41F              | 5041F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-42A              | 5042A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-42F              | 5042F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-43A              | 5043A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-43F              | 5043F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-44A              | 5044A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-44F              | 5044F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-45A              | 5045A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-45F              | 5045F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-46A              | 5046A                                           | 83446-165-96, 8.446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-46F              | 5046F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-47A              | 5047A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-47F              | 5047F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-48A              | 5048A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-48F              | 5048F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-49A              | 5049A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-49F              | 5049F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-50A              | 5050A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-50F              | 5050F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-51A              | 5051A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-51F              | 5051F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-52A              | 5052A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-52F              | 5052F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-53A              | 5053A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-53F              | 5053F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-54A              | 5054A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-54F              | 5054F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-55A              | 5055A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-55F              | 5055F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-56A              | 5056A                                           | 83446-165-96, 83446-062-98,           | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-56F              | 5056F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-57A              | 5057A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-57F              | 5057F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-58A              | 5058A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-58F              | 5058F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/5-61F              | 5061F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-62A              | 5062A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-62F              | 5062F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-63A              | 5063A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-63F              | 5063F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-64A              | 5064A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-64F              | 5064F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-65A              | 5065A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-65F              | 5065F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-66A              | 5066A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-66F              | 5066F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-67A              | 5067A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-67F              | 5067F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-68A              | 5068A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-68F              | 5068F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-69A              | 5069A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-69F              | 5069F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-70A              | 5070A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-70F              | 5070F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-71A              | 5071A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-71F              | 5071F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-72A              | 5072A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-72F              | 5072F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-73A              | 5073A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-73F              | 5073F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-74A              | 5074A                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-74F              | 5074F                                           | 83446-165-96, 83446-062-98            | /5                          | Coast/Advanced Chip Magnetics             |
| M83446/5-01A              | 05-001-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-01F              | 05-001-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-02A              | 05-002-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-02F              | 05-002-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-03A              | 05-003-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-03F              | 05-003-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-04A              | 05-004-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-04F              | 05-004-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-05A              | 05-005-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-05F              | 05-005-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-06A              | 05-006-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-06F              | 05-006-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-07A              | 05-007-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-07F              | 05-007-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-08A              | 05-008-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-08F              | 05-008-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-09A              | 05-009-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-09F              | 05-009-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-10A              | 05-010-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-10F              | 05-010-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-11A              | 05-011-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-11F              | 05-011-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-12A              | 05-012-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-12F              | 05-012-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-13A              | 05-013-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-13F              | 05-013-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-14A              | 05-014-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-14F              | 05-014-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/5-15A              | 05-015-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-15F              | 05-015-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-16A              | 05-016-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-16F              | 05-016-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-17A              | 05-017-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-17F              | 05-017-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-18A              | 05-018-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-18F              | 05-018-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-19A              | 05-019-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-19F              | 05-019-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-20A              | 05-020-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-20F              | 05-020-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-21A              | 05-021-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-21F              | 05-021-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-22A              | 05-022-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-22F              | 05-022-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-23A              | 05-023-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-23F              | 05-023-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-24A              | 05-024-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-24F              | 05-024-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-25A              | 05-025-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-25F              | 05-025-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-26A              | 05-026-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-26F              | 05-026-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-27A              | 05-027-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-27F              | 05-027-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-28A              | 05-028-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-28F              | 05-028-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-29A              | 05-029-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-29F              | 05-029-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-30A              | 05-030-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-30F              | 05-030-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-31A              | 05-031-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-31F              | 05-031-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-32A              | 05-032-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-32F              | 05-032-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-33A              | 05-033-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-33F              | 05-033-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-34A              | 05-034-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-34F              | 05-034-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-35A              | 05-035-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-35F              | 05-035-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-36A              | 05-036-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-36F              | 05-036-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-37A              | 05-037-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-37F              | 05-037-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-38A              | 05-038-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-38F              | 05-038-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-39A              | 05-039-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-39F              | 05-039-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-40A              | 05-040-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-40F              | 05-040-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-41A              | 05-041-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-41F              | 05-041-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-42A              | 05-042-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |

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| M83446/5-42F              | 05-042-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-43A              | 05-043-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-43F              | 05-043-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-44A              | 05-044-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-44F              | 05-044-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-45A              | 05-045-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-45F              | 05-045-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-46A              | 05-046-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-46F              | 05-046-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-47A              | 05-047-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-47F              | 05-047-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-48A              | 05-048-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-48F              | 05-048-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-49A              | 05-049-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-49F              | 05-049-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-50A              | 05-050-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-50F              | 05-050-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-51A              | 05-051-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-51F              | 05-051-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-52A              | 05-052-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-52F              | 05-052-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-53A              | 05-053-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-53F              | 05-053-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-54A              | 05-054-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-54F              | 05-054-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-55A              | 05-055-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-55F              | 05-055-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-56A              | 05-056-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-56F              | 05-056-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-57A              | 05-057-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-57F              | 05-057-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-58A              | 05-058-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-58F              | 05-058-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-59A              | 05-059-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-59F              | 05-059-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-60A              | 05-060-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-60F              | 05-060-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-61A              | 05-061-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-61F              | 05-061-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-62A              | 05-062-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-62F              | 05-062-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-63A              | 05-063-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-63F              | 05-063-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-64A              | 05-064-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-64F              | 05-064-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-65A              | 05-065-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-65F              | 05-065-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-66A              | 05-066-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-66F              | 05-066-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-67A              | 05-067-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-67F              | 05-067-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-68A              | 05-068-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-68F              | 05-068-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-69A              | 05-069-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-69F              | 05-069-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |

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| M83446/5-70A              | 05-070-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-70F              | 05-070-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-71A              | 05-071-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-71F              | 05-071-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-72A              | 05-072-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-72F              | 05-072-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-73A              | 05-073-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-73F              | 05-073-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-74A              | 05-074-10-G                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-74F              | 05-074-10-S                                     | 83446-001-97                          | /5                          | Magnespec, Inc                            |
| M83446/5-01A              | 26000                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-01F              | 26000                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-02A              | 26001                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-02F              | 26001                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-03A              | 26002                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-03F              | 26002                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-04A              | 26003                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-04F              | 26003                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-05A              | 26004                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-05F              | 26004                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-06A              | 26005                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-06F              | 26005                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-07A              | 26006                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-07F              | 26006                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-08A              | 26007                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-08F              | 26007                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-09A              | 26008                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-09F              | 26008                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-10A              | 26009                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-10F              | 26009                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-11A              | 26010                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-11F              | 26010                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-12A              | 26011                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-12F              | 26011                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-13A              | 26012                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-13F              | 26012                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-14A              | 26013                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-14F              | 26013                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-15A              | 26014                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-15F              | 26014                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-16A              | 26015                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-16F              | 26015                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-17A              | 26016                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-17F              | 26016                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-18A              | 26017                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-18F              | 26017                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-19A              | 26018                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-19F              | 26018                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-20A              | 26019                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-20F              | 26019                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-21A              | 26020                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-21F              | 26020                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-22A              | 26021                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-22F              | 26021                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-23A              | 26022                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/5-23F              | 26022                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-24A              | 26023                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-24F              | 26023                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-25A              | 26024                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-25F              | 26024                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-26A              | 26025                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-26F              | 26025                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-27A              | 26026                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-27F              | 26026                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-28A              | 26027                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-28F              | 26027                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-29A              | 26028                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-29F              | 26028                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-30F              | 26029                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-31A              | 26030                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-31F              | 26030                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-32A              | 26031                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-32F              | 26031                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-33A              | 26032                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-33F              | 26032                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-34A              | 26033                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-34F              | 26033                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-35A              | 26034                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-35F              | 26034                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-36A              | 26035                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-36F              | 26035                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-37A              | 26036                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-37F              | 26036                                           | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-38A              | 26000NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-38F              | 26000NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-39A              | 26001NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-39F              | 26001NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-40A              | 26002NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-40F              | 26002NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-41A              | 26003NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-41F              | 26003NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-42A              | 26004NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-42F              | 26004NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-43A              | 26005NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-43F              | 26005NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-44A              | 26006NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-44F              | 26006NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-45A              | 26007NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-45F              | 26007NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-46A              | 26008NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-46F              | 26008NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-47A              | 26009NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-47F              | 26009NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-48A              | 26010NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-48F              | 26010NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-49A              | 26011NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-49F              | 26011NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-50A              | 26012NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-50F              | 26012NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-51A              | 26013NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |

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| M83446/5-51F              | 26013NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-52A              | 26014NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-52F              | 26014NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-53A              | 26015NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-53F              | 26015NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-54A              | 26016NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-54F              | 26016NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-55A              | 26017NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-55F              | 26017NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-56A              | 26018NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-56F              | 26018NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-57A              | 26019NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-57F              | 26019NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-58A              | 26020NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-58F              | 26020NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-59A              | 26021NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-59F              | 26021NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-60A              | 26022NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-60F              | 26022NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-61A              | 26023NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-61F              | 26023NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-62A              | 26024NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-62F              | 26024NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-63A              | 26025NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-63F              | 26025NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-64A              | 26026NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-64F              | 26026NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-65A              | 26027NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-65F              | 26027NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-66A              | 26028NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-66F              | 26028NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-67A              | 26029NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-67F              | 26029NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-68A              | 26030NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-68F              | 26030NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-69A              | 26031NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-69F              | 26031NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-70A              | 26032NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-70F              | 26032NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-71A              | 26033NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-71F              | 26033NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-72A              | 26034NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-72F              | 26034NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-73A              | 26035NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-73F              | 26035NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-74A              | 26036NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/5-74F              | 26036NT                                         | 83446-581-79                          | /5                          | Vanguard Electronics Company, Inc         |
| M83446/6-01A              | 06-001-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-01F              | 06-001-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-02A              | 06-002-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-02F              | 06-002-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-03A              | 06-003-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-03F              | 06-003-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-04A              | 06-004-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-04F              | 06-004-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |

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| M83446/6-05A              | 06-005-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-05F              | 06-005-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-06A              | 06-006-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-06F              | 06-006-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-07A              | 06-007-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-07F              | 06-007-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-08A              | 06-008-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-08F              | 06-008-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-09A              | 06-009-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-09F              | 06-009-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-10A              | 06-010-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-10F              | 06-010-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-11A              | 06-011-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-11F              | 06-011-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-12A              | 06-012-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-12F              | 06-012-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-13A              | 06-013-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-13F              | 06-013-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-14A              | 06-014-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-14F              | 06-014-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-15A              | 06-015-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-15F              | 06-015-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-16A              | 06-016-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-16F              | 06-016-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-17A              | 06-017-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-17F              | 06-017-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-18A              | 06-018-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-18F              | 06-018-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-19A              | 06-019-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-19F              | 06-019-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-20A              | 06-020-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-20F              | 06-020-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-21A              | 06-021-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-21F              | 06-021-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-22A              | 06-022-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-22F              | 06-022-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-23A              | 06-023-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-23F              | 06-023-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-24A              | 06-024-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-24F              | 06-024-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-25A              | 06-025-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-25F              | 06-025-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-26A              | 06-026-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-26F              | 06-026-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-27A              | 06-027-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-27F              | 06-027-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-28A              | 06-028-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-28F              | 06-028-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-29A              | 06-029-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-29F              | 06-029-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-30A              | 06-030-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-30F              | 06-030-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-31A              | 06-031-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-31F              | 06-031-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-32A              | 06-032-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/6-32F              | 06-032-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-33A              | 06-033-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-33F              | 06-033-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-34A              | 06-034-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-34F              | 06-034-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-35A              | 06-035-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-35F              | 06-035-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-36A              | 06-036-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-36F              | 06-036-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-37A              | 06-037-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-37F              | 06-037-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-38A              | 06-038-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-38F              | 06-038-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-39A              | 06-039-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-39F              | 06-039-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-40A              | 06-040-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-40F              | 06-040-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-41A              | 06-041-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-41F              | 06-041-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-42A              | 06-042-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-42F              | 06-042-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-43A              | 06-043-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-43F              | 06-043-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-44A              | 06-044-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-44F              | 06-044-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-45A              | 06-045-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-45F              | 06-045-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-46A              | 06-046-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-46F              | 06-045-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-47A              | 06-047-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-47F              | 06-045-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-48A              | 06-047-10-G                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-48F              | 06-045-10-S                                     | 83446-002-97                          | /6                          | Magnespec, Inc                            |
| M83446/6-01A              | 27037                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-01F              | 27037                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-02A              | 27038                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-02F              | 27038                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-03A              | 27039                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-03F              | 27039                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-04A              | 27040                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-04F              | 27040                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-05A              | 27041                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-05F              | 27041                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-06A              | 27042                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-06F              | 27042                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-07A              | 27043                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-07F              | 27043                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-08A              | 27044                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-08F              | 27044                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-09A              | 27045                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-09F              | 27045                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-10A              | 27046                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-10F              | 27046                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-11A              | 27047                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-11F              | 27047                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |

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| M83446/6-12A              | 27048                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-12F              | 27048                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-13A              | 27049                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-13F              | 27049                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-14A              | 27050                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-14F              | 27050                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-15A              | 27051                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-15F              | 27051                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-16A              | 27052                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-16F              | 27052                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-17A              | 27053                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-17F              | 27053                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-18A              | 27054                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-18F              | 27054                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-19A              | 27055                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-19F              | 27055                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-20A              | 27056                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-20F              | 27056                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-21A              | 27057                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-21F              | 27057                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-22A              | 27058                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-22F              | 27058                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-23A              | 27059                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-23F              | 27059                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-24A              | 27060                                           | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-24F              | 27060                                           | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-25A              | 27037NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-25F              | 27037NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-26A              | 27038NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-26F              | 27038NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-27A              | 27039NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-27F              | 27039NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-28A              | 27040NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-28F              | 27040NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-29A              | 27041NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-29F              | 27041NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-30A              | 27042NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-30F              | 27042NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-31A              | 27043NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-31F              | 27043NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-32A              | 27044NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-32F              | 27044NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-33A              | 27045NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-33F              | 27045NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-34A              | 27046NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-34F              | 27046NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-35A              | 27047NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-35F              | 27047NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-36A              | 27048NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-36F              | 27048NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-37A              | 27049NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-37F              | 27049NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-38A              | 27050NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-38F              | 27050NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-39A              | 27051NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |

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| M83446/6-39F              | 27051NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-40A              | 27052NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-40F              | 27052NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-41A              | 27053NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-41F              | 27053NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-42A              | 27054NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-42F              | 27054NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-43A              | 27055NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-43F              | 27055NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-44A              | 27056NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-44F              | 27056NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-45A              | 27057NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-45F              | 27057NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-46A              | 27058NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-46F              | 27058NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-47A              | 27059NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-47F              | 27059NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-48A              | 27060NT                                         | 83446-582-79                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-48F              | 27060NT                                         | 83446-582-97                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-49A              | VE 50001                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-49F              | VE 50001                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-50A              | VE 50002                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-50F              | VE 50002                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-51A              | VE 50003                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-51F              | VE 50003                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-52A              | VE 50004                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-52F              | VE 50004                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-53A              | VE 50005                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-53F              | VE 50005                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-54A              | VE 50006                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-54F              | VE 50006                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-55A              | VE 50007                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-55F              | VE 50007                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-56A              | VE 50008                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-56F              | VE 50008                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-57A              | VE 50009                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-57F              | VE 50009                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-58A              | VE 50010                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-58F              | VE 50010                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-59A              | VE 50011                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-59F              | VE 50011                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-60A              | VE 50012                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-60F              | VE 50012                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-61A              | VE 50013                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-61F              | VE 50013                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-62A              | VE 50014                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-62F              | VE 50014                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-63A              | VE 50015                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-63F              | VE 50015                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-64A              | VE 50016                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-64F              | VE 50016                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-65A              | VE 50017                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-65F              | VE 50017                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-66A              | VE 50018                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-66F              | VE 50018                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/6-67A              | VE 50019                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-67F              | VE 50019                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-68A              | VE 50020                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-68F              | VE 50020                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-69A              | VE 50021                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-69F              | VE 50021                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-70A              | VE 50022                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-70F              | VE 50022                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-71A              | VE 50023                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-71F              | VE 50023                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-72A              | VE 50024                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-72F              | VE 50024                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-73A              | VE 50025                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-73F              | VE 50025                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-74A              | VE 50026                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-74F              | VE 50026                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-75A              | VE 50027                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-75F              | VE 50027                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-76A              | VE 50028                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-76F              | VE 50028                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-77A              | VE 50029                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-77F              | VE 50029                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-78A              | VE 50030                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-78F              | VE 50030                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-79A              | VE 50031                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-79F              | VE 50031                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-80A              | VE 50032                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-80F              | VE 50032                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-81A              | VE 50033                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-81F              | VE 50033                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-82A              | VE 50034                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-82F              | VE 50034                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-83A              | VE 50035                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-83F              | VE 50035                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-84A              | VE 50036                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-84F              | VE 50036                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-85A              | VE 50037                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-85F              | VE 50037                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-86A              | VE 50038                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-86F              | VE 50038                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-87A              | VE 50039                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-87F              | VE 50039                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-88A              | VE 50001                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-88F              | VE 50001                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-89A              | VE 50002                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-89F              | VE 50002                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-90A              | VE 50003                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-90F              | VE 50003                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-91A              | VE 50004                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-91F              | VE 50004                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-92A              | VE 50005                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-92F              | VE 50005                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-93A              | VE 50006                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-93F              | VE 50006                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-94A              | VE 50007                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |

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| M83446/6-94F              | VE 50007                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-95A              | VE 50008                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-95F              | VE 50008                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-96A              | VE 50009                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-96F              | VE 50009                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-97A              | VE 50010                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-97F              | VE 50010                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-98A              | VE 50011                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-98F              | VE 50011                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-99A              | VE 50012                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-99F              | VE 50012                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-100A             | VE 50013                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-100F             | VE 50013                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-101A             | VE 50014                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-101F             | VE 50014                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-102A             | VE 50015                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-102F             | VE 50015                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-103A             | VE 50016                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-103F             | VE 50016                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-104A             | VE 50017                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-104F             | VE 50017                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-105A             | VE 50018                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-105F             | VE 50018                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-106A             | VE 50019                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-106F             | VE 50019                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-107A             | VE 50020                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-107F             | VE 50020                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-108A             | VE 50021                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-108F             | VE 50021                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-109A             | VE 50022                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-109F             | VE 50022                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-110A             | VE 50023                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-110F             | VE 50023                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-111A             | VE 50024                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-111F             | VE 50024                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-112A             | VE 50025                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-112F             | VE 50025                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-113A             | VE 50026                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-113F             | VE 50026                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-114A             | VE 50027                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-114F             | VE 50027                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-115A             | VE 50028                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-115F             | VE 50028                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-116A             | VE 50029                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-116F             | VE 50029                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-117A             | VE 50030                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-117F             | VE 50030                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-118A             | VE 50031                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-118F             | VE 50031                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-119A             | VE 50032                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-119F             | VE 50032                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-120A             | VE 50033                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-120F             | VE 50033                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-121A             | VE 50034                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-121F             | VE 50034                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |

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| M83446/6-122A             | VE 50035                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-122F             | VE 50035                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-123A             | VE 50036                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-123F             | VE 50036                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-124A             | VE 50037                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-124F             | VE 50037                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-125A             | VE 50038                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-125F             | VE 50038                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-126A             | VE 50039                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/6-126F             | VE 50039                                        | 83446-017-96                          | /6                          | Vanguard Electronics Company, Inc         |
| M83446/7-01A              | 29000                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-01F              | 29000                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-02A              | 29001                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-02F              | 29001                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-03A              | 29002                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-03F              | 29002                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-04A              | 29003                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-04F              | 29003                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-05A              | 29004                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-05F              | 29004                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-06A              | 29005                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-06F              | 29005                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-07A              | 29006                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-07F              | 29006                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-08A              | 29007                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-08F              | 29007                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-09A              | 29008                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-09F              | 29008                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-10A              | 29009                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-10F              | 29009                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-11A              | 29010                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-11F              | 29010                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-12A              | 29011                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-12F              | 29011                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-13A              | 29012                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-13F              | 29012                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-14A              | 29013                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-14F              | 29013                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-15A              | 29014                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-15F              | 29014                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-16A              | 29015                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-16F              | 29015                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-17A              | 29016                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-17F              | 29016                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-18A              | 29017                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-18F              | 29017                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-19A              | 29018                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-19F              | 29018                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-20A              | 29019                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-20F              | 29019                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-21A              | 29020                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-21F              | 29020                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-22A              | 29021                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-22F              | 29021                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-23A              | 29022                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/7-23F              | 29022                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-24A              | 29023                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-24F              | 29023                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-25A              | 29024                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-25F              | 29024                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-26A              | 29025                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-26F              | 29025                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-27A              | 29026                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-27F              | 29026                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-28A              | 29027                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-28F              | 29027                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-29A              | 29028                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-29F              | 29028                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-30A              | 29029                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-30F              | 29029                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-31A              | 29030                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-31F              | 29030                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-32A              | 29031                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-32F              | 29031                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-33A              | 29032                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-33F              | 29032                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-34A              | 29033                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-34F              | 29033                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-35A              | 29034                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-35F              | 29034                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-36A              | 29035                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-36F              | 29035                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-37A              | 29036                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-37F              | 29036                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-38A              | 29037                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-38F              | 29037                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-39A              | 29038                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-39F              | 29038                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-40A              | 29039                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-40F              | 29039                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-41A              | 29040                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-41F              | 29040                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-42A              | 29041                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-42F              | 29041                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-43A              | 29042                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-43F              | 29042                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-44A              | 29043                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-44F              | 29043                                           | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-48A              | 2900NT                                          | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-48F              | 2900NT                                          | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-49A              | 29001NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-49F              | 29000NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-50A              | 29002NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-50F              | 29001NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-51A              | 29003NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-51F              | 29002NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-52A              | 29004NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-52F              | 29003NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-53A              | 29005NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-53F              | 29004NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |

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| M83446/7-54A              | 29006NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-54F              | 29005NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-55A              | 2907NT                                          | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-55F              | 29006NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-56A              | 2908NT                                          | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-56F              | 29007NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-57A              | 2909NT                                          | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-57F              | 29008NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-58A              | 29010NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-58F              | 29009NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-59A              | 29011NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-59F              | 29010NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-60A              | 29012NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-60F              | 29011NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-61A              | 29012NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-61F              | 29012NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-62A              | 29013NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-62F              | 29013NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-63A              | 29014NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-63F              | 29014NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-64A              | 29015NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-64F              | 29015NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-65A              | 29016NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-65F              | 29016NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-66A              | 29017NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-66F              | 29017NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-67A              | 29018NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-67F              | 29018NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-68A              | 29019NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-68F              | 29019NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-69A              | 29020NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-69F              | 29020NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-70A              | 29021NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-70F              | 29021NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-71A              | 29022NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-71F              | 29022NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-72A              | 29023NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-72F              | 29023NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-73A              | 29024NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-73F              | 29024NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-74A              | 29025NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-74F              | 29025NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-75A              | 29026NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-75F              | 29026NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-76A              | 29027NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-76F              | 29027NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-77A              | 29028NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-77F              | 29028NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-78A              | 29029NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-78F              | 29029NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-79A              | 29030NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-79F              | 29030NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-80A              | 29031NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-80F              | 29031NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-81A              | 29032NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |

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| M83446/7-81F              | 29032NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-82A              | 29033NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-82F              | 29033NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-83A              | 29034NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-83F              | 29034NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-84A              | 29035NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-84F              | 29035NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-85A              | 29036NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-85F              | 29036NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-86A              | 29037NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-86F              | 29037NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-87A              | 29038NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-87F              | 29038NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-88A              | 29039NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-88F              | 29039NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-89A              | 29040NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-89F              | 29040NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-90A              | 29041NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-90F              | 29041NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-91A              | 29042NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-91F              | 29042NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-92A              | 29043NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-92F              | 29043NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-93A              | 29044NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-93F              | 29044NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-94A              | 29045NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/7-94F              | 29045NT                                         | 83446-583-79                          | /7                          | Vanguard Electronics Company, Inc         |
| M83446/8-01A              | 8001A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-01F              | 8001F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-02A              | 8002A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-02F              | 8002F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-03A              | 8003A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-03F              | 8003F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-04A              | 8004A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-04F              | 8004F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-05A              | 8005A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-05F              | 8005F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-06A              | 8006A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-06F              | 8006F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-07A              | 8007A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-07F              | 8007F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-08A              | 8008A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-08F              | 8008F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-09A              | 8009A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-09F              | 8009F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-10A              | 8010A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-10F              | 8010F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-11A              | 8011A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-11F              | 8011F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-12A              | 8012A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-12F              | 8012F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-13A              | 8013A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-13F              | 8013F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-14A              | 8014A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-14F              | 8014F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |

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| M83446/8-97F              | 8097F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-98A              | 8098A                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-98F              | 8098F                                           | 83446-167-96, 83446-064-98            | /8                          | Coast/Advanced Chip Magnetics             |
| M83446/8-01A              | 08-001-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-01F              | 08-001-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-02A              | 08-002-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-02F              | 08-002-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-03A              | 08-003-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-03F              | 08-003-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-04A              | 08-004-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-04F              | 08-004-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-05A              | 08-005-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-05F              | 08-005-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-06A              | 08-006-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-06F              | 08-006-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-07A              | 08-007-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-07F              | 08-007-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-08A              | 08-008-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-08F              | 08-008-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-09A              | 08-009-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-09F              | 08-009-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-10A              | 08-010-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-10F              | 08-010-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-11A              | 08-011-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-11F              | 08-011-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-12A              | 08-012-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-12F              | 08-012-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-13A              | 08-013-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-13F              | 08-013-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-14A              | 08-014-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-14F              | 08-014-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-15A              | 08-015-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-15F              | 08-015-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-16A              | 08-016-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-16F              | 08-016-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-17A              | 08-017-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-17F              | 08-017-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-18A              | 08-018-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-18F              | 08-018-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-19A              | 08-019-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-19F              | 08-019-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-20A              | 08-020-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-20F              | 08-020-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-21A              | 08-021-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-21F              | 08-021-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-22A              | 08-022-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-22F              | 08-022-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-23A              | 08-023-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-23F              | 08-023-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-24A              | 08-024-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-24F              | 08-024-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-25A              | 08-025-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-25F              | 08-025-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-26A              | 08-026-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-26F              | 08-026-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/8-27A              | 08-027-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-27F              | 08-027-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-28A              | 08-028-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-28F              | 08-028-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-29A              | 08-029-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-29F              | 08-029-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-30A              | 08-030-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-30F              | 08-030-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-31A              | 08-031-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-32A              | 08-032-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-32F              | 08-032-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-33A              | 08-033-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-33F              | 08-033-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-34A              | 08-034-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-34F              | 08-034-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-35A              | 08-035-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-35F              | 08-035-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-36A              | 08-036-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-36F              | 08-036-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-37A              | 08-037-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-37F              | 08-037-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-38A              | 08-038-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-38F              | 08-038-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-39A              | 08-039-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-39F              | 08-039-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-40A              | 08-040-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-40F              | 08-040-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-41A              | 08-041-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-41F              | 08-041-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-42A              | 08-042-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-42F              | 08-042-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-43A              | 08-043-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-43F              | 08-043-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-44A              | 08-044-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-44F              | 08-044-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-45A              | 08-045-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-45F              | 08-045-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-46A              | 08-046-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-46F              | 08-046-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-47A              | 08-047-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-47F              | 08-047-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-48A              | 08-048-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-48F              | 08-048-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-49A              | 08-049-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-49F              | 08-049-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-50A              | 08-050-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-50F              | 08-050-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-51A              | 08-051-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-51F              | 08-051-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-52A              | 08-052-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-52F              | 08-052-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-53A              | 08-053-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-53F              | 08-053-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-54A              | 08-054-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-54F              | 08-054-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |

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| M83446/8-55A              | 08-055-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-55F              | 08-055-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-56A              | 08-056-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-56F              | 08-056-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-57A              | 08-057-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-57F              | 08-057-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-58A              | 08-058-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-58F              | 08-058-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-59A              | 08-059-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-59F              | 08-059-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-60A              | 08-060-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-60F              | 08-060-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-61A              | 08-061-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-61F              | 08-061-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-62A              | 08-062-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-62F              | 08-062-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-63A              | 08-063-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-63F              | 08-063-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-64A              | 08-064-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-64F              | 08-064-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-65A              | 08-065-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-65F              | 08-065-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-66A              | 08-066-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-66F              | 08-066-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-67A              | 08-067-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-67F              | 08-067-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-68A              | 08-068-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-68F              | 08-068-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-69A              | 08-069-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-69F              | 08-069-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-70A              | 08-070-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-70F              | 08-070-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-71A              | 08-071-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-71F              | 08-071-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-72A              | 08-072-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-72F              | 08-072-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-73A              | 08-073-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-73F              | 08-073-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-74A              | 08-074-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-74F              | 08-074-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-75A              | 08-075-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-75F              | 08-075-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-76A              | 08-076-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-76F              | 08-076-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-77A              | 08-077-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-77F              | 08-077-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-78A              | 08-078-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-78F              | 08-078-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-79A              | 08-079-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-79F              | 08-079-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-80A              | 08-080-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-80F              | 08-080-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-81A              | 08-081-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-81F              | 08-081-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-82A              | 08-082-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |

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| M83446/8-82F              | 08-082-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-83A              | 08-083-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-83F              | 08-083-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-84A              | 08-084-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-84F              | 08-084-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-85A              | 08-085-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-85F              | 08-085-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-86A              | 08-086-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-86F              | 08-086-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-87A              | 08-087-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-87F              | 08-087-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-88A              | 08-088-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-88F              | 08-088-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-89A              | 08-089-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-89F              | 08-089-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-90A              | 08-090-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-90F              | 08-090-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-91A              | 08-091-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-91F              | 08-091-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-92A              | 08-092-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-92F              | 08-092-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-93A              | 08-093-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-93F              | 08-093-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-94A              | 08-094-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-94F              | 08-094-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-95A              | 08-095-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-95F              | 08-095-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-96A              | 08-096-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-96F              | 08-096-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-97A              | 08-097-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-97F              | 08-097-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-98A              | 08-098-10-G                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-98F              | 08-098-10-S                                     | 83446-003-97                          | /8                          | Magnespec, Inc                            |
| M83446/8-01A              | 30000                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-01F              | 30000                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-02A              | 30001                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-02F              | 30001                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-03A              | 30002                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-03F              | 30002                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-04A              | 30003                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-04F              | 30003                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-05A              | 30004                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-05F              | 30004                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-06A              | 30005                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-06F              | 30005                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-07A              | 30006                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-07F              | 30006                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-08A              | 30007                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-08F              | 30007                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-09A              | 30008                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-09F              | 30008                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-10A              | 30009                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-10F              | 30009                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-11A              | 30010                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-11F              | 30010                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/8-12A              | 30011                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-12F              | 30011                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-13F              | 30012                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-14A              | 30013                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-14F              | 30013                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-15F              | 30014                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-16F              | 30015                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-17A              | 30016                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-17F              | 30016                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-18A              | 30017                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-18F              | 30017                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-19A              | 30018                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-19F              | 30018                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-20A              | 30019                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-20F              | 30019                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-21A              | 30020                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-21F              | 30020                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-22A              | 30021                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-22F              | 30021                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-23A              | 30022                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-23F              | 30022                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-24A              | 30023                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-24F              | 30023                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-25A              | 30024                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-25F              | 30024                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-26A              | 30025                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-26F              | 30025                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-27A              | 30026                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-27F              | 30026                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-28A              | 30027                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-28F              | 30027                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-29A              | 30028                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-29F              | 30028                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-30A              | 30029                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-30F              | 30029                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-31A              | 30030                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-31F              | 30030                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-32A              | 30031                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-32F              | 30031                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-33A              | 30032                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-33F              | 30032                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-34A              | 30033                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-34F              | 30033                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-35A              | 30034                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-35F              | 30034                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-36A              | 30035                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-36F              | 30035                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-37A              | 30036                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-37F              | 30036                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-38A              | 30037                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-38F              | 30037                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-39A              | 30038                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-39F              | 30038                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-40A              | 30039                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-40F              | 30039                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |

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| M83446/8-41A              | 30040                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-41F              | 30040                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-42A              | 30041                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-42F              | 30041                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-43A              | 30042                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-43F              | 30042                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-44A              | 30043                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-44F              | 30043                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-45A              | 30044                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-45F              | 30044                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-46A              | 30045                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-46F              | 30045                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-47A              | 30046                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-47F              | 30046                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-48A              | 30047                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-48F              | 30047                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-49A              | 30048                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-49F              | 30048                                           | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-50A              | 30000NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-50F              | 30000NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-51A              | 30001NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-51F              | 30001NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-52A              | 30002NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-52F              | 30002NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-53A              | 30003NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-53F              | 30003NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-54A              | 30004NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-54F              | 30004NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-55A              | 30005NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-55F              | 30005NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-56A              | 30006NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-56F              | 30006NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-57A              | 30007NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-57F              | 30007NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-58A              | 30008NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-58F              | 30008NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-59A              | 30009NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-59F              | 30009NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-60A              | 30010NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-60F              | 30010NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-61A              | 30011NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-61F              | 30011NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-62A              | 30012NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-62F              | 30012NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-63F              | 30013NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-63A              | 30013NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-64A              | 30014NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-64F              | 30014NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-65A              | 30015NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-65F              | 30015NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-66A              | 30016NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-66F              | 30016NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-67A              | 30017NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-67F              | 30017NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-68A              | 30018NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |

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| M83446/8-68F              | 30018NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-69A              | 30019NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-69F              | 30019NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-70A              | 30020NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-70F              | 30020NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-71A              | 30021NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-71F              | 30021NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-72A              | 30022NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-72F              | 30022NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-73A              | 30023NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-73F              | 30023NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-74A              | 30024NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-74F              | 30024NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-75A              | 30025NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-75F              | 30025NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-76A              | 30026NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-76F              | 30026NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-77A              | 30027NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-77F              | 30027NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-78A              | 30028NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-78F              | 30028NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-79A              | 30029NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-79F              | 30029NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-80A              | 30030NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-80F              | 30030NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-81A              | 30031NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-81F              | 30031NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-82A              | 30032NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-82F              | 30032NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-83A              | 30033NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-83F              | 30033NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-84A              | 30034NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-84F              | 30034NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-85A              | 30035NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-85F              | 30035NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-86A              | 30036NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-86F              | 30036NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-87A              | 30037NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-87F              | 30037NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-88A              | 30038NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-88F              | 30038NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-89A              | 30039NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-89F              | 30039NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-90A              | 30040NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-90F              | 30040NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-91A              | 30041NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-91F              | 30041NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-92A              | 30042NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-92F              | 30042NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-93A              | 30043NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-93F              | 30043NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-94F              | 30044NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-95A              | 30045NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-95F              | 30045NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-96A              | 30046NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/8-96F              | 30046NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-97A              | 30047NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-97F              | 30047NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-98A              | 30048NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/8-98F              | 30048NT                                         | 83446-584-79                          | /8                          | Vanguard Electronics Company, Inc         |
| M83446/9-01A              | 31000                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-01F              | 31000                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-02A              | 31001                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-02F              | 31001                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-03A              | 31002                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-03F              | 31002                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-04A              | 31003                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-04F              | 31003                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-05A              | 31004                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-05F              | 31004                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-06A              | 31005                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-06F              | 31005                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-07A              | 31006                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-07F              | 31006                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-08A              | 31007                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-08F              | 31007                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-09A              | 31008                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-09F              | 31008                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-10A              | 31009                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-10F              | 31009                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-11A              | 31010                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-11F              | 31010                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-12A              | 31011                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-12F              | 31011                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-13A              | 31012                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-13F              | 31012                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-14A              | 31013                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-14F              | 31013                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-15A              | 31014                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-15F              | 31014                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-16A              | 31015                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-16F              | 31015                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-17A              | 31016                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-17F              | 31016                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-18A              | 31017                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-18F              | 31017                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-19A              | 31018                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-19F              | 31018                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-20A              | 31019                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-20F              | 31019                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-21A              | 31020                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-21F              | 31020                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-22A              | 31021                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-22F              | 31021                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-23A              | 31022                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-23F              | 31022                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-24A              | 31023                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-24F              | 31023                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-25A              | 31024                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-25F              | 31024                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |

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| M83446/9-26A              | 31025                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-26F              | 31025                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-27A              | 31026                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-27F              | 31026                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-28A              | 31027                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-28F              | 31027                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-29A              | 31028                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-29F              | 31028                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-30A              | 31029                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-30F              | 31029                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-31A              | 31030                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-31F              | 31030                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-32A              | 31031                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-32F              | 31031                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-33A              | 31032                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-33F              | 31032                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-34A              | 31033                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-34F              | 31033                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-35A              | 31034                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-35F              | 31034                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-36A              | 31035                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-36F              | 31035                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-37A              | 31036                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-37F              | 31036                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-38A              | 31037                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-38F              | 31037                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-39A              | 31038                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-39F              | 31038                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-40A              | 31039                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-40F              | 31039                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-41A              | 31040                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-41F              | 31040                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-42A              | 31041                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-42F              | 31041                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-43A              | 31042                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-43F              | 31042                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-44A              | 31043                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-44F              | 31043                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-45A              | 31044                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-45F              | 31044                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-46A              | 31045                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-46F              | 31045                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-47A              | 31046                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-47F              | 31046                                           | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-48A              | 31000NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-48F              | 31000NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-49A              | 31001NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-49F              | 31001NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-50A              | 31002NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-50F              | 31002NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-51A              | 31003NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-51F              | 31003NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-52A              | 31004NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-52F              | 31004NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-53A              | 31005NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |

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| M83446/9-53F              | 31005NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-54A              | 31006NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-54F              | 31006NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-55A              | 31007NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-55F              | 31007NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-56A              | 31008NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-56F              | 31008NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-57A              | 31009NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-57F              | 31009NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-58A              | 31010NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-58F              | 31010NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-59A              | 31011NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-59F              | 31011NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-60A              | 31012NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-60F              | 31012NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-61A              | 31013NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-61F              | 31013NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-62A              | 31014NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-62F              | 31014NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-63A              | 31015NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-63F              | 31015NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-64A              | 31016NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-64F              | 31016NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-65A              | 31017NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-65F              | 31017NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-66A              | 31018NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-66F              | 31018NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-67A              | 31019NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-67F              | 31019NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-68A              | 31020NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-68F              | 31020NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-69A              | 31021NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-69F              | 31021NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-70A              | 31022NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-70F              | 31022NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-71A              | 31023NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-71F              | 31023NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-72A              | 31024NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-72F              | 31024NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-73A              | 31025NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-73F              | 31025NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-74A              | 31026NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-74F              | 31026NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-75A              | 31027NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-75F              | 31027NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-76A              | 31028NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-76F              | 31028NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-77A              | 31029NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-77F              | 31029NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-78A              | 31030NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-78F              | 31030NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-79A              | 31031NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-79F              | 31031NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-80A              | 31032NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-80F              | 31032NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/9-81A              | 31033NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-81F              | 31033NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-82A              | 31034NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-82F              | 31034NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-83A              | 31035NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-83F              | 31035NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-84A              | 31036NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-84F              | 31036NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-85A              | 31037NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-85F              | 31037NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-86A              | 31038NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-86F              | 31038NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-87A              | 31039NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-87F              | 31039NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-88A              | 31040NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-88F              | 31040NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-89A              | 31041NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-89F              | 31041NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-90A              | 31042NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-90F              | 31042NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-91A              | 31043NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-91F              | 31043NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-92A              | 31044NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-92F              | 31044NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-93A              | 31045NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-93F              | 31045NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-94A              | 31046NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/9-94F              | 31046NT                                         | 83446-585-79                          | /9                          | Vanguard Electronics Company, Inc         |
| M83446/10-01A             | 10001A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-01F             | 10001F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-02A             | 10002A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-02F             | 10002F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-03A             | 10003A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-03F             | 10003F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-04A             | 10004A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-04F             | 10004F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-05A             | 10005A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-05F             | 10005F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-06A             | 10006A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-06F             | 10006F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-07A             | 10007A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-07F             | 10007F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-08A             | 10008A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-08F             | 10008F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-09A             | 10009A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-09F             | 10009F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-10A             | 10010A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-10F             | 10010F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-11A             | 10011A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-11F             | 10011F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-12A             | 10012A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-12F             | 10012F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-13A             | 10013A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-13F             | 10013F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-14A             | 10014A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |

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| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/10-97F             | 10097F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-98A             | 10098A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-98F             | 10098F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-99A             | 10099A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-99F             | 10099F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-100A            | 10100A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-100F            | 100100F                                         | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-101A            | 10101A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-101F            | 10101F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-102A            | 10102A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-102F            | 10102F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-103A            | 10103A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-103F            | 10103F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-104A            | 10104A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-104F            | 10104F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-105A            | 10105A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-105F            | 10105F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-106A            | 10106A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-106F            | 10106F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-107A            | 10107A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-107F            | 10107F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-108A            | 10108A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-108F            | 10108F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-109A            | 10109A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-109F            | 10109F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-110A            | 10110A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-110F            | 10110F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-111A            | 10111A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-111F            | 10111F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-112A            | 10112A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-112F            | 10112F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-113A            | 10113A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-113F            | 10113F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-114A            | 10114A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-114F            | 10114F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-115A            | 10115A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-115F            | 10115F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-116A            | 10116A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-116F            | 10116F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-117A            | 10117A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-117F            | 10117F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-118A            | 10118A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-118F            | 10118F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-119A            | 10119A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-119F            | 10119F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-120A            | 10120A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-120F            | 10120F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-121A            | 10121A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-121F            | 10121F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-122A            | 10122A                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-122F            | 10122F                                          | 83446-168-96, 83446-065-98            | /10                         | Coast/Advanced Chip Magnetics             |
| M83446/10-01A             | 10-001-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-01F             | 10-001-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-02A             | 10-002-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-02F             | 10-002-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |

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| M83446/10-03A             | 10-003-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-03F             | 10-003-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-04A             | 10-004-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-04F             | 10-004-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-05A             | 10-005-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-05F             | 10-005-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-06A             | 10-006-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-06F             | 10-006-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-07A             | 10-007-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-07F             | 10-007-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-08A             | 10-008-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-08F             | 10-008-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-09A             | 10-009-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-09F             | 10-009-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-10A             | 10-010-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-10F             | 10-010-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-11A             | 10-011-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-11F             | 10-011-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-12A             | 10-012-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-12F             | 10-012-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-13A             | 10-013-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-13F             | 10-013-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-14A             | 10-014-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-14F             | 10-014-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-15A             | 10-015-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-15F             | 10-015-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-16A             | 10-016-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-16F             | 10-016-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-17A             | 10-017-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-17F             | 10-017-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-18A             | 10-018-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-18F             | 10-018-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-19A             | 10-019-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-19F             | 10-019-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-20A             | 10-020-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-20F             | 10-020-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-21A             | 10-021-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-21F             | 10-021-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-22A             | 10-022-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-22F             | 10-022-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-23A             | 10-023-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-23F             | 10-023-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-24A             | 10-024-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-24F             | 10-024-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-25A             | 10-025-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-25F             | 10-025-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-26A             | 10-026-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-26F             | 10-026-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-27A             | 10-027-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-27F             | 10-027-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-28A             | 10-028-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-28F             | 10-028-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-29A             | 10-029-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-29F             | 10-029-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-30A             | 10-030-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/10-30F             | 10-030-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-31A             | 10-031-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-31F             | 10-031-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-32A             | 10-032-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-32F             | 10-032-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-33A             | 10-033-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-33F             | 10-033-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-34A             | 10-034-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-34F             | 10-034-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-35A             | 10-035-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-35F             | 10-035-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-36A             | 10-036-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-36F             | 10-036-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-37A             | 10-037-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-37F             | 10-037-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-38A             | 10-038-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-38F             | 10-038-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-39A             | 10-039-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-39F             | 10-039-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-40A             | 10-040-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-40F             | 10-040-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-41A             | 10-041-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-41F             | 10-041-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-42A             | 10-042-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-42F             | 10-042-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-43A             | 10-043-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-43F             | 10-043-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-44A             | 10-044-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-44F             | 10-044-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-45A             | 10-045-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-45F             | 10-045-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-46A             | 10-046-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-46F             | 10-046-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-47A             | 10-047-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-47F             | 10-047-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-48A             | 10-048-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-48F             | 10-048-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-49A             | 10-049-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-49F             | 10-049-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-50A             | 10-050-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-50F             | 10-050-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-51A             | 10-051-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-51F             | 10-051-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-52A             | 10-052-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-52F             | 10-052-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-53A             | 10-053-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-53F             | 10-053-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-54A             | 10-054-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-54F             | 10-054-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-55A             | 10-055-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-55F             | 10-055-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-56A             | 10-056-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-56F             | 10-056-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-57A             | 10-057-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-57F             | 10-057-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/10-58A             | 10-058-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-58F             | 10-058-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-59A             | 10-059-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-59F             | 10-059-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-60A             | 10-060-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-60F             | 10-060-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-61A             | 10-061-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-61F             | 10-061-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-62A             | 10-062-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-62F             | 10-062-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-63A             | 10-063-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-63F             | 10-063-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-64A             | 10-064-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-64F             | 10-064-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-65A             | 10-065-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-65F             | 10-065-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-66A             | 10-066-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-66F             | 10-066-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-67A             | 10-067-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-67F             | 10-067-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-68A             | 10-068-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-68F             | 10-068-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-69A             | 10-069-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-69F             | 10-069-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-70A             | 10-070-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-70F             | 10-070-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-71A             | 10-071-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-71F             | 10-071-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-72A             | 10-072-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-72F             | 10-072-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-73A             | 10-073-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-73F             | 10-073-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-74A             | 10-074-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-74F             | 10-074-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-75A             | 10-075-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-75F             | 10-075-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-76A             | 10-076-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-76F             | 10-076-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-77A             | 10-077-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-77F             | 10-077-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-78A             | 10-078-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-78F             | 10-078-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-79A             | 10-079-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-79F             | 10-079-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-80A             | 10-080-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-80F             | 10-080-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-81A             | 10-081-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-81F             | 10-071-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-82A             | 10-082-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-82F             | 10-082-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-83A             | 10-083-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-83F             | 10-083-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-84A             | 10-084-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-84F             | 10-084-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-85A             | 10-085-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |

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| M83446/10-85F             | 10-085-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-86A             | 10-086-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-86F             | 10-086-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-87A             | 10-087-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-87F             | 10-087-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-88A             | 10-088-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-88F             | 10-088-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-89A             | 10-089-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-89F             | 10-089-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-90A             | 10-090-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-90F             | 10-090-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-91A             | 10-091-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-91F             | 10-091-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-92A             | 10-092-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-92F             | 10-092-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-93A             | 10-093-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-93F             | 10-093-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-94A             | 10-094-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-94F             | 10-094-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-95A             | 10-095-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-95F             | 10-095-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-96A             | 10-096-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-97A             | 10-097-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-97F             | 10-097-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-98A             | 10-098-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-98F             | 10-098-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-99A             | 10-099-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-99F             | 10-099-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-100A            | 10-100-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-100F            | 10-100-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-101A            | 10-101-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-101F            | 10-101-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-102A            | 10-102-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-102F            | 10-102-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-103A            | 10-103-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-103F            | 10-103-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-104A            | 10-104-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-104F            | 10-104-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-105A            | 10-105-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-105F            | 10-105-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-106A            | 10-106-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-106F            | 10-106-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-107A            | 10-107-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-107F            | 10-107-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-108A            | 10-108-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-108F            | 10-108-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-109A            | 10-109-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-109F            | 10-109-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-110A            | 10-110-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-110F            | 10-110-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-111A            | 10-111-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-111F            | 10-111-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-112A            | 10-112-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-112F            | 10-112-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-113A            | 10-113-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/10-113F            | 10-113-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-114F            | 10-114-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-115F            | 10-115-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-116A            | 10-116-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-116F            | 10-116-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-117A            | 10-117-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-117F            | 10-117-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-118A            | 10-118-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-118F            | 10-118-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-119A            | 10-119-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-119F            | 10-119-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-120A            | 10-120-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-120F            | 10-120-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-121A            | 10-121-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-121F            | 10-121-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-122A            | 10-122-10-G                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-122F            | 10-122-10-S                                     | 83446-004-97                          | /10                         | Magnespec, Inc                            |
| M83446/10-01A             | 33000                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-01F             | 33000                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-02A             | 33001                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-02F             | 33001                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-03A             | 33002                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-03F             | 33002                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-04A             | 33003                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-04F             | 33003                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-05A             | 33004                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-05F             | 33004                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-06A             | 33005                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-06F             | 33005                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-07A             | 33006                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-07F             | 33006                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-08A             | 33007                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-08F             | 33007                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-09A             | 33008                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-09F             | 33008                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-10A             | 33009                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-10F             | 33009                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-11A             | 33010                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-11F             | 33010                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-12A             | 33011                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-12F             | 33011                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-13A             | 33012                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-13F             | 33012                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-14A             | 33013                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-14F             | 33013                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-15A             | 33014                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-15F             | 33014                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-16A             | 33015                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-16F             | 33015                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-17A             | 33016                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-17F             | 33016                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-18A             | 33017                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-18F             | 33017                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-19A             | 33018                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-19F             | 33018                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |

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| M83446/10-20A             | 33019                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-20F             | 33019                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-21A             | 33020                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-21F             | 33020                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-22A             | 33021                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-22F             | 33021                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-23A             | 33022                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-23F             | 33022                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-24A             | 33023                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-24F             | 33023                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-25A             | 33024                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-25F             | 33024                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-26A             | 33025                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-26F             | 33025                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-27A             | 33026                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-27F             | 33026                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-28A             | 33027                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-28F             | 33027                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-29A             | 33028                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-29F             | 33028                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-30A             | 33029                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-30F             | 33029                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-31A             | 33030                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-31F             | 33030                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-32A             | 33031                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-32F             | 33031                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-33A             | 33032                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-33F             | 33032                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-34A             | 33033                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-34F             | 33033                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-35A             | 33034                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-35F             | 33034                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-36A             | 33035                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-37A             | 33036                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-37F             | 33036                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-38A             | 33037                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-38F             | 33037                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-39A             | 33038                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-39F             | 33038                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-40A             | 33039                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-40F             | 33039                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-41A             | 33040                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-41F             | 33040                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-42A             | 33041                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-42F             | 33041                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-43A             | 33042                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-43F             | 33042                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-44A             | 33043                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-44F             | 33043                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-45A             | 33044                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-45F             | 33044                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-46A             | 33045                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-46F             | 33045                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-47A             | 33046                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-47F             | 33046                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |

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| M83446/10-48A             | 33047                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-48F             | 33047                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-49A             | 33048                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-49F             | 33048                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-50A             | 33049                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-50F             | 33049                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-51A             | 33050                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-51F             | 33050                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-52A             | 33051                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-52F             | 33051                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-53A             | 33052                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-53F             | 33052                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-54A             | 33053                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-54F             | 33053                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-55A             | 33054                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-55F             | 33054                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-56A             | 33055                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-56F             | 33055                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-57A             | 33056                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-57F             | 33056                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-58A             | 33057                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-58F             | 33057                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-59A             | 33058                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-59F             | 33058                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-60A             | 33059                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-60F             | 33059                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-61A             | 33060                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-61F             | 33060                                           | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-62A             | 33000NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-62F             | 33000NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-63A             | 33001NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-63F             | 33001NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-64A             | 33002NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-64F             | 33002NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-65A             | 33003NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-65F             | 33003NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-66A             | 33004NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-66F             | 33004NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-67A             | 33005NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-67F             | 33005NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-68A             | 33006NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-68F             | 33006NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-69A             | 33007NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-69F             | 33007NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-70A             | 33008NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-70F             | 33008NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-71A             | 33009NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-71F             | 33009NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-72A             | 33010NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-72F             | 33010NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-73F             | 33011NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-74A             | 33012NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-74F             | 33012NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-75A             | 33013NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-75F             | 33013NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/10-76A             | 33014NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-76F             | 33014NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-77A             | 33015NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-77F             | 33015NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-78A             | 33016NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-78F             | 33016NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-79F             | 33017NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-80F             | 33018NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-81A             | 33019NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-81F             | 33019NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-82A             | 33020NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-82F             | 33020NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-83A             | 33021NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-83F             | 33021NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-84A             | 33022NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-84F             | 33022NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-85A             | 33023NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-85F             | 33023NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-86A             | 33024NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-86F             | 33024NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-87A             | 33025NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-87F             | 33025NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-88A             | 33026NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-88F             | 33026NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-89A             | 33027NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-89F             | 33027NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-90A             | 33028NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-90F             | 33028NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-91A             | 33029NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-91F             | 33029NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-92A             | 33030NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-92F             | 33030NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-93A             | 33031NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-93F             | 33031NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-94A             | 33032NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-94F             | 33032NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-95A             | 33033NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-95F             | 33033NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-96A             | 33034NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-96F             | 33034NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-97A             | 33035NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-97F             | 33035NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-98A             | 33036NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-98F             | 33036NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-99A             | 33037NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-99F             | 33037NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-100A            | 33038NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-100F            | 33038NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-101A            | 33039NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-101F            | 33039NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-102A            | 33040NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-102F            | 33040NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-103A            | 33041NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-103F            | 33041NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-104A            | 33042NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/10-104F            | 33042NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-105A            | 33043NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-105F            | 33043NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-106A            | 33044NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-106F            | 33044NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-107A            | 33045NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-107F            | 33045NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-108A            | 33046NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-108F            | 33046NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-109A            | 33047NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-109F            | 33047NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-110A            | 33048NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-110F            | 33048NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-111A            | 33049NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-111F            | 33049NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-112A            | 33050NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-112F            | 33050NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-113A            | 33051NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-113F            | 33051NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-114A            | 33052NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-114F            | 33052NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-115A            | 33053NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-115F            | 33053NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-116A            | 33054NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-116F            | 33054NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-117A            | 33055NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-117F            | 33055NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-118A            | 33056NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-118F            | 33056NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-119A            | 33057NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-119F            | 33057NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-120A            | 33058NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-120F            | 33058NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-121A            | 33059NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-121F            | 33059NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-122A            | 33060NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/10-122F            | 33060NT                                         | 83446-586-79                          | /10                         | Vanguard Electronics Company, Inc         |
| M83446/11-01A             | 11001A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-01F             | 11001F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-02A             | 11002A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-02F             | 11002F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-03A             | 11003A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-03F             | 11003F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-04A             | 11004A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-04F             | 11004F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-05A             | 11005A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-05F             | 11005F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-06A             | 11006A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-06F             | 11006F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-07A             | 11007A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-07F             | 11007F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-08A             | 11008A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-08F             | 11008F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-09A             | 11009A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-09F             | 11009F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |

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| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/11-92F             | 11092F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-93A             | 11093A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-93F             | 11093F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-94A             | 11094A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-94F             | 11094F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-95A             | 11095A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-95F             | 11095F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-96A             | 11096A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-96F             | 11096F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-97A             | 11097A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-97F             | 11097F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-98A             | 11098A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-98F             | 11098F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-99A             | 11099A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-99F             | 11099F                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-100A            | 11100A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-100F            | 110100F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-101A            | 11101A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-101F            | 110101F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-102A            | 11102A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-102F            | 110102F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-103A            | 11103A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-103F            | 110103F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-104A            | 11104A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-104F            | 110104F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-105A            | 11105A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-105F            | 110105F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-106A            | 11106A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-106F            | 110106F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-107A            | 11107A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-107F            | 110107F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-108A            | 11108A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-108F            | 110108F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-109A            | 11109A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-109F            | 110109F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-110A            | 11110A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-110F            | 110110F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-111A            | 11111A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-111F            | 110111F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-112A            | 11112A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-112F            | 110112F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-113A            | 11113A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-113F            | 110113F                                         | 83446-169-96, 83346-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-114A            | 11114A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-114F            | 110114F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-115A            | 11115A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-115F            | 110115F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-116A            | 11116A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-1116F           | 110116F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-117A            | 11117A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-117F            | 110117F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-118A            | 11118A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-118F            | 110118F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-119A            | 11119A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-119F            | 110119F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/11-120A            | 11120A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-120F            | 110120F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-121A            | 11121A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-121F            | 110121F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-122A            | 11122A                                          | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-122F            | 110122F                                         | 83446-169-96, 83446-066-98            | /11                         | Coast/Advanced Chip Magnetics             |
| M83446/11-01A             | 11-001-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-01F             | 11-001-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-02A             | 11-002-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-02F             | 11-002-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-03A             | 11-003-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-03F             | 11-003-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-04A             | 11-004-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-04F             | 11-004-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-05A             | 11-005-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-05F             | 11-005-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-06A             | 11-006-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-06F             | 11-006-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-07A             | 11-007-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-07F             | 11-007-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-08A             | 11-008-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-08F             | 11-008-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-09A             | 11-009-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-09F             | 11-009-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-10A             | 11-010-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-10F             | 11-010-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-11A             | 11-011-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-11F             | 11-011-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-12A             | 11-012-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-12F             | 11-012-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-13A             | 11-013-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-13F             | 11-013-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-14A             | 11-014-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-14F             | 11-014-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-15A             | 11-015-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-15F             | 11-015-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-16A             | 11-016-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-16F             | 11-016-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-17A             | 11-017-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-17F             | 11-017-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-18A             | 11-018-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-18F             | 11-018-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-19A             | 11-019-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-19F             | 11-019-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-20A             | 11-020-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-20F             | 11-020-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-21A             | 11-021-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-21F             | 11-021-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-22A             | 11-022-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-22F             | 11-022-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-23A             | 11-023-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-23F             | 11-023-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-24A             | 11-024-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-24F             | 11-024-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-25A             | 11-025-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |

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| M83446/11-25F             | 11-025-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-26A             | 11-026-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-26F             | 11-026-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-27A             | 11-027-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-27F             | 11-027-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-28A             | 11-028-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-28F             | 11-028-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-29A             | 11-029-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-29F             | 11-029-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-30A             | 11-030-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-30F             | 11-030-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-31A             | 11-031-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-31F             | 11-031-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-32A             | 11-032-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-32F             | 11-032-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-33A             | 11-033-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-33F             | 11-033-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-34A             | 11-034-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-34F             | 11-034-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-35A             | 11-035-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-35F             | 11-035-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-36A             | 11-036-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-36F             | 11-036-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-37A             | 11-037-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-37F             | 11-037-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-38A             | 11-038-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-38F             | 11-038-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-39A             | 11-039-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-39F             | 11-039-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-40A             | 11-040-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-40F             | 11-040-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-41A             | 11-041-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-41F             | 11-041-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-42A             | 11-042-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-42F             | 11-042-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-43A             | 11-043-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-43F             | 11-043-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-44A             | 11-044-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-44F             | 11-044-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-45A             | 11-045-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-45F             | 11-045-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-46A             | 11-046-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-46F             | 11-046-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-47A             | 11-047-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-47F             | 11-047-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-48A             | 11-048-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-48F             | 11-048-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-49A             | 11-049-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-49F             | 11-049-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-50A             | 11-050-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-50F             | 11-050-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-51A             | 11-051-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-51F             | 11-051-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-52A             | 11-052-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-52F             | 11-052-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |

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| M83446/11-53A             | 11-053-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-53F             | 11-053-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-54A             | 11-054-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-54F             | 11-054-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-55A             | 11-055-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-55F             | 11-055-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-56A             | 11-056-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-56F             | 11-056-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-57A             | 11-057-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-57F             | 11-057-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-58A             | 11-058-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-58F             | 11-058-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-59A             | 11-059-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-59F             | 11-059-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-60A             | 11-060-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-60F             | 11-060-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-61A             | 11-061-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-61F             | 11-061-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-62A             | 11-062-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-62F             | 11-062-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-63A             | 11-063-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-63F             | 11-063-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-64A             | 11-064-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-64F             | 11-064-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-65A             | 11-065-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-65F             | 11-065-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-66A             | 11-066-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-66F             | 11-066-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-67A             | 11-067-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-67F             | 11-067-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-68A             | 11-068-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-68F             | 11-068-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-69A             | 11-069-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-69F             | 11-069-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-70A             | 11-070-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-70F             | 11-070-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-71A             | 11-071-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-71F             | 11-071-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-72A             | 11-072-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-72F             | 11-072-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-73A             | 11-073-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-73F             | 11-073-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-74A             | 11-074-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-74F             | 11-074-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-75A             | 11-075-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-75F             | 11-075-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-76A             | 11-076-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-76F             | 11-076-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-77A             | 11-077-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-77F             | 11-077-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-78F             | 11-078-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-79A             | 11-079-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-79F             | 11-079-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-80F             | 11-080-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-81A             | 11-081-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |

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| M83446/11-81F             | 11-081-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-82A             | 11-082-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-82F             | 11-082-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-83A             | 11-083-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-83F             | 11-083-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-84A             | 11-084-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-84F             | 11-084-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-85A             | 11-085-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-85F             | 11-085-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-86A             | 11-086-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-86F             | 11-086-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-87A             | 11-087-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-87F             | 11-087-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-88A             | 11-088-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-88F             | 11-088-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-89A             | 11-089-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-89F             | 11-089-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-90A             | 11-090-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-90F             | 11-090-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-91A             | 11-091-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-91F             | 11-091-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-92A             | 11-092-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-92F             | 11-092-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-93A             | 11-093-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-93F             | 11-093-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-94A             | 11-094-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-94F             | 11-094-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-95A             | 11-095-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-95F             | 11-095-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-96A             | 11-096-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-96F             | 11-096-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-97A             | 11-097-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-97F             | 11-097-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-98A             | 11-097-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-98F             | 11-098-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-99A             | 11-099-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-99F             | 11-099-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-100F            | 11-100-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-101A            | 11-101-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-101F            | 11-101-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-102A            | 11-102-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-102F            | 11-102-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-103A            | 11-103-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-103F            | 11-103-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-104A            | 11-104-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-104F            | 11-104-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-105A            | 11-105-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-105F            | 11-105-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-106A            | 11-106-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-106F            | 11-106-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-107A            | 11-107-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-107F            | 11-107-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-108A            | 11-108-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-108F            | 11-108-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-109A            | 11-109-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |

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| M83446/11-109F            | 11-109-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-110A            | 11-110-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-110F            | 11-110-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-111A            | 11-111-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-111F            | 11-111-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-112A            | 11-112-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-112F            | 11-112-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-113A            | 11-113-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-113F            | 11-113-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-114A            | 11-114-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-114F            | 11-114-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-115A            | 11-115-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-115F            | 11-115-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-116A            | 11-116-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-116F            | 11-116-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-117A            | 11-117-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-117F            | 11-117-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-118A            | 11-118-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-118F            | 11-118-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-119A            | 11-119-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-119F            | 11-119-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-120A            | 11-120-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-120F            | 11-120-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-121A            | 11-121-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-121F            | 11-121-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-122A            | 11-122-10-G                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-122F            | 11-122-10-S                                     | 83446-005-97                          | /11                         | Magnespec, Inc                            |
| M83446/11-01A             | 34000                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-01F             | 34000                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-02A             | 34001                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-02F             | 34001                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-03A             | 34002                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-03F             | 34002                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-04A             | 34003                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-04F             | 34003                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-05A             | 34004                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-05F             | 34004                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-06A             | 34005                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-06F             | 34005                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-07A             | 34006                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-07F             | 34006                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-08A             | 34007                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-08F             | 34007                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-09A             | 34008                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-09F             | 34008                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-10A             | 34009                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-10F             | 34009                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-11A             | 34010                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-11F             | 34010                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-12A             | 34011                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-12F             | 34011                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-13A             | 34012                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-13F             | 34012                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-14A             | 34013                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-14F             | 34013                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |

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| M83446/11-15A             | 34014                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-15F             | 34014                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-16A             | 34015                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-16F             | 34015                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-17A             | 34016                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-17F             | 34016                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-18A             | 34017                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-18F             | 34017                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-19A             | 34018                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-19F             | 34018                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-20A             | 34019                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-20F             | 34019                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-21A             | 34020                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-21F             | 34020                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-22A             | 34021                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-22F             | 34021                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-23A             | 34022                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-23F             | 34022                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-24A             | 34023                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-24F             | 34023                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-25A             | 34024                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-25F             | 34024                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-26A             | 34025                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-26F             | 34025                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-27A             | 34026                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-27F             | 34026                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-28A             | 34027                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-28F             | 34027                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-29A             | 34028                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-29F             | 34028                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-30A             | 34029                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-30F             | 34029                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-31A             | 34030                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-31F             | 34030                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-32A             | 34031                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-32F             | 34031                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-33A             | 34032                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-33F             | 34032                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-34A             | 34033                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-34F             | 34033                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-35A             | 34034                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-35F             | 34034                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-36A             | 34035                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-37A             | 34036                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-37F             | 34036                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-38A             | 34037                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-39A             | 34038                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-39F             | 34038                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-40A             | 34039                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-40F             | 34039                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-41A             | 34040                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-41F             | 34040                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-42A             | 34041                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-42F             | 34041                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-43A             | 34042                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |

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| M83446/11-43F             | 34042                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-44A             | 34043                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-44F             | 34043                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-45A             | 34044                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-45F             | 34044                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-46A             | 34045                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-46F             | 34045                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-47A             | 34046                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-47F             | 34046                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-48A             | 34047                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-48F             | 34047                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-49A             | 34048                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-49F             | 34048                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-50A             | 34049                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-50F             | 34049                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-51A             | 34050                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-51F             | 34050                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-52A             | 34051                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-52F             | 34051                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-53A             | 34052                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-53F             | 34052                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-54A             | 34053                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-54F             | 34053                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-55A             | 34054                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-55F             | 34054                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-56A             | 34055                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-56F             | 34055                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-57A             | 34056                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-57F             | 34056                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-58A             | 34057                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-58F             | 34057                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-59A             | 34058                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-59F             | 34058                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-60A             | 34059                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-60F             | 34059                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-61A             | 34060                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-61F             | 34060                                           | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-62A             | 34000NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-62F             | 34000NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-63A             | 34001NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-63F             | 34001NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-64A             | 34002NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-64F             | 34002NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-65A             | 34003NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-65F             | 34003NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-66A             | 34004NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-66F             | 34004NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-67A             | 34005NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-67F             | 34005NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-68A             | 34006NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-68F             | 34006NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-69A             | 34007NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-69F             | 34007NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-70A             | 34008NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-70F             | 34008NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |

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| M83446/11-71A             | 34009NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-71F             | 34009NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-72A             | 34010NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-72F             | 34010NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-73A             | 34011NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-73F             | 34011NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-74A             | 34012NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-74F             | 34012NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-75A             | 34013NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-75F             | 34013NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-76A             | 34014NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-76F             | 34014NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-77A             | 34015NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-77F             | 34015NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-78A             | 34016NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-78F             | 34016NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-79A             | 34017NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-79F             | 34017NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-80A             | 34018NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-80F             | 34018NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-81A             | 34019NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-81F             | 34019NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-82A             | 34020NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-82F             | 34020NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-83A             | 34021NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-83F             | 34021NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-84A             | 34022NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-84F             | 34022NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-85A             | 34023NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-85F             | 34023NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-86A             | 34024NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-86F             | 34024NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-87A             | 34025NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-87F             | 34025NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-88A             | 34026NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-88F             | 34026NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-89A             | 34027NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-89F             | 34027NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-90A             | 34028NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-90F             | 34028NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-91A             | 34029NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-91F             | 34029NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-92A             | 34030NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-92F             | 34030NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-93A             | 34031NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-93F             | 34031NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-94A             | 34032NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-94F             | 34032NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-95A             | 34033NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-95F             | 34033NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-96A             | 34034NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-96F             | 34034NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-97A             | 34035NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-97F             | 34035NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-98A             | 34036NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |

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| M83446/11-98F             | 34036NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-99A             | 34037NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-99F             | 34037NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-100A            | 34038NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-100F            | 34038NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-101A            | 34039NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-101F            | 34039NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-102A            | 34040NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-102F            | 34040NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-103A            | 34041NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-103F            | 34041NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-104A            | 34042NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-104F            | 34042NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-105A            | 34043NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-105F            | 34043NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-106A            | 34044NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-106F            | 34044NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-107A            | 34045NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-107F            | 34045NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-108F            | 34046NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-109A            | 34047NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-109F            | 34047NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-110A            | 34048NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-110F            | 34048NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-111A            | 34049NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-111F            | 34049NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-112A            | 34050NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-112F            | 34050NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-113A            | 34051NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-113F            | 34051NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-114A            | 34052NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-114F            | 34052NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-115A            | 34053NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-115F            | 34053NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-116A            | 34054NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-116F            | 34054NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-117A            | 34055NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-117F            | 34055NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-118A            | 34056NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-118F            | 34056NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-119A            | 34057NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-119F            | 34057NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-120A            | 34058NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-121A            | 34059NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-121F            | 34059NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-122A            | 34060NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/11-122F            | 34060NT                                         | 83446-587-79                          | /11                         | Vanguard Electronics Company, Inc         |
| M83446/12-01A             | P100K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-01B             | P100K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-02A             | P120K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-02B             | P120K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-03A             | P150K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-03B             | P150K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-04A             | P180K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-04B             | P180K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |

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| M83446/12-05A             | P220K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-05B             | P220K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-06A             | P270K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-06B             | P270K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-07A             | P330K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-07B             | P330K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-08A             | P390K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-08B             | P390K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-09A             | P470K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-09B             | P470K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-10A             | P560K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-10B             | P560K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-11A             | P680K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-11B             | P680K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-12A             | P820K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-12B             | P820K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-13A             | P101K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-13B             | P101K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-14A             | P121K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-14B             | P121K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-15A             | P151K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-15B             | P151K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-16A             | P181K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-16B             | P181K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-17A             | P221K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-17B             | P221K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-18A             | P271K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-18B             | P271K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-19A             | P331K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-19B             | P331K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-20A             | P391K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-20B             | P391K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-21A             | P471K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-21B             | P471K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-22A             | P561K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-22B             | P561K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-23A             | P681K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-23B             | P681K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-24A             | P821K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-24B             | P821K-81                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-25A             | P102K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-25B             | P102K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-26A             | P122K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-26B             | P122K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-27A             | P152K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-27B             | P152K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-28A             | P182K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-28B             | P182K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-29A             | P222K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-29B             | P222K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-30A             | P272K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-30B             | P272K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-31A             | P332K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-31B             | P332K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-32A             | P392K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/12-32B             | P392K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-33A             | P472K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-33B             | P472K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-34A             | P562K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-34B             | P562K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-35A             | P682K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-35B             | P682K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-36A             | P822K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-36B             | P822K-61                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-37A             | P103K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-37B             | P103K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-38A             | P123K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-38B             | P123K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-39A             | P153K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-39B             | P153K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-40A             | P183K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-40B             | P183K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-41A             | P223K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-41B             | P223K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-42A             | P273K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-42B             | P273K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-43A             | P333K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-43B             | P333K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-44A             | P393K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-44B             | P393K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-45A             | P473K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-45B             | P473K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-46A             | P563K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-46B             | P563K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-47A             | P683K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-47B             | P683K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-48A             | P823K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-48B             | P823K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-49A             | P104K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-49B             | P104K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-50A             | P124K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-50B             | P124K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-51A             | P154K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-51B             | P154K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-52A             | P184K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-52B             | P184K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-53A             | P224K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-53B             | P224K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-54A             | P274K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-54B             | P274K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-55A             | P334K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-55B             | P334K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-56A             | P394K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-56B             | P394K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-57A             | P474K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-57B             | P474K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-58A             | P564K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-58B             | P564K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-59A             | P684K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-59B             | P684K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/12-60A             | P824K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-60B             | P824K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-61A             | P105K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/12-61B             | P105K-3F                                        | 83446-504-83                          | /12                         | Piconics, Inc.                            |
| M83446/13-01A             | PA100K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-01B             | PA100K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-02A             | PA120K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-02B             | PA120K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-03A             | PA150K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-03B             | PA150K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-04A             | PA180K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-04B             | PA180K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-05A             | PA220K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-05B             | PA220K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-06A             | PA270K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-06B             | PA270K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-07A             | PA330K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-07B             | PA330K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-08A             | PA390K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-08B             | PA390K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-09A             | PA470K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-09B             | PA470K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-10A             | PA560K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-10B             | PA560K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-11A             | PA680K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-11B             | PA680K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-12A             | PA820K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-12B             | PA820K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-13A             | PA101K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-13B             | PA101K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-14A             | PA121K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-14B             | PA121K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-15A             | PA151K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-15B             | PA151K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-16A             | PA181K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-16B             | PA181K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-17A             | PA221K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-17B             | PA221K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-18A             | PA271K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-18B             | PA271K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-19A             | PA331K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-19B             | PA331K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-20A             | PA391K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-20B             | PA391K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-21A             | PA471K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-21B             | PA471K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-22A             | PA561K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-22B             | PA561K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-23A             | PA681K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-23B             | PA681K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-24A             | PA821K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-24B             | PA821K-81                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-25A             | PA102K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-25B             | PA102K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-26A             | PA122K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/13-26B             | PA122K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-27A             | PA152K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-27B             | PA152K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-28A             | PA182K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-28B             | PA182K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-29A             | PA222K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-29B             | PA222K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-30A             | PA272K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-30B             | PA272K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-31A             | PA332K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-31B             | PA332K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-32A             | PA392K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-32B             | PA392K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-33A             | PA472K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-33B             | PA472K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-34A             | PA562K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-34B             | PA562K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-35A             | PA682K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-35B             | PA682K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-36A             | PA822K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-36B             | PA822K-61                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-37A             | PA103K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-37B             | PA103K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-38A             | PA123K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-38B             | PA123K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-39A             | PA153K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-39B             | PA153K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-40A             | PA183K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-40B             | PA183K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-41A             | PA223K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-41B             | PA223K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-42A             | PA273K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-42B             | PA273K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-43A             | PA333K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-43B             | PA333K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-44A             | PA393K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-44B             | PA393K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-45A             | PA473K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-45B             | PA473K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-46A             | PA563K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-46B             | PA563K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-47A             | PA683K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-47B             | PA683K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-48A             | PA823K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-48B             | PA823K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-49A             | PA104K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/13-49B             | PA104K-3F                                       | 83446-321-87                          | /13                         | Piconics, Inc.                            |
| M83446/14-01A             | PG/PK100K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-01B             | PG/PK100K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-02A             | PG/PK120K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-02B             | PG/PK120K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-03A             | PG/PK150K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-03B             | PG/PK150K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-04A             | PG/PK180K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-04B             | PG/PK180K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/14-05A             | PG/PK220K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-05B             | PG/PK220K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-06A             | PG/PK270K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-06B             | PG/PK270K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-07A             | PG/PK330K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-07B             | PG/PK330K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-08A             | PG/PK390K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-08B             | PG/PK390K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-09A             | PG/PK470K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-09B             | PG/PK470K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-10A             | PG/PK560K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-10B             | PG/PK560K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-11A             | PG/PK680K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-11B             | PG/PK680K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-12A             | PG/PK820K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-12B             | PG/PK820K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-13A             | PG/PK101K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-13B             | PG/PK101K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-14A             | PG/PK121K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-14B             | PG/PK121K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-15A             | PG/PK151K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-15B             | PG/PK151K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-16A             | PG/PK181K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-16B             | PG/PK181K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-17A             | PG/PK221K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-17B             | PG/PK221K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-18A             | PG/PK271K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-18B             | PG/PK271K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-19A             | PG/PK331K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-19B             | PG/PK331K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-20A             | PG/PK391K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-20B             | PG/PK391K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-21A             | PG/PK471K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-21B             | PG/PK471K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-22A             | PG/PK561K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-22B             | PG/PK561K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-23A             | PG/PK681K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-23B             | PG/PK681K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-24A             | PG/PK821K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-24B             | PG/PK821K-81                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-25A             | PG/PK102K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-25B             | PG/PK102K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-26A             | PG/PK122K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-26B             | PG/PK122K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-27A             | PG/PK152K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-27B             | PG/PK152K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-28A             | PG/PK182K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-28B             | PG/PK182K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-29A             | PG/PK222K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-29B             | PG/PK222K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-30A             | PG/PK272K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-30B             | PG/PK272K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-31A             | PG/PK332K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-31B             | PG/PK332K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-32A             | PG/PK392K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |

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| M83446/14-32B             | PG/PK392K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-33A             | PG/PK472K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-33B             | PG/PK472K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-34A             | PG/PK562K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-34B             | PG/PK562K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-35A             | PG/PK682K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-35B             | PG/PK682K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-36A             | PG/PK822K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-36B             | PG/PK822K-61                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-37A             | PG/PK103K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-37B             | PG/PK103K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-38A             | PG/PK123K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-38B             | PG/PK123K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-39A             | PG/PK153K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-39B             | PG/PK153K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-40A             | PG/PK183K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-40B             | PG/PK183K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-41A             | PG/PK223K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-41B             | PG/PK223K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-42A             | PG/PK273K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-42B             | PG/PK273K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-43A             | PG/PK333K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-43B             | PG/PK333K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-44A             | PG/PK393K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-44B             | PG/PK393K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-45A             | PG/PK473K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-45B             | PG/PK473K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-46A             | PG/PK563K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-46B             | PG/PK563K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-47A             | PG/PK683K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-47B             | PG/PK683K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-48A             | PG/PK823K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-48B             | PG/PK823K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-49A             | PG/PK104K-3F                                    | 83446-322-87                          | /14                         | Piconics, Inc.                            |
| M83446/14-49B             | PG/PK104K-3F                                    | 83446-507-83                          | /14                         | Piconics, Inc.                            |
| M83446/15-01A             | PW100K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-01B             | PW100K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-02A             | PW120K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-02B             | PW120K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-03A             | PW150K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-03B             | PW150K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-04A             | PW180K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-04B             | PW180K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-05A             | PW220K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-05B             | PW220K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-06A             | PW270K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-06B             | PW270K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-07A             | PW330K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-07B             | PW330K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-08A             | PW390K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-08B             | PW390K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-09A             | PW470K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-09B             | PW470K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-10A             | PW560K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-10B             | PW560K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |

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| M83446/15-11A             | PW680K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-11B             | PW680K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-12A             | PW820K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-12B             | PW820K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-13A             | PW101K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-13B             | PW101K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-14A             | PW121K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-14B             | PW121K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-15B             | PW151K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-16A             | PW181K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-16B             | PW181K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-17A             | PW221K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-17B             | PW221K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-18A             | PW271K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-18B             | PW271K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-19A             | PW331K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-19B             | PW331K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-20A             | PW391K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-20B             | PW391K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-21A             | PW471K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-21B             | PW471K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-22A             | PW561K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-22B             | PW561K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-23A             | PW681K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-23B             | PW681K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-24A             | PW821K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-24B             | PW821K-81                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-25A             | PW102K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-25B             | PW102K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-26A             | PW122K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-26B             | PW122K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-27A             | PW152K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-27B             | PW152K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-28A             | PW182K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-28B             | PW182K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-29A             | PW222K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-29B             | PW222K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-30A             | PW272K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-30B             | PW272K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-31A             | PW332K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-31B             | PW332K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-32A             | PW392K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-32B             | PW392K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-33A             | PW472K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-33B             | PW472K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-34A             | PW582K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-34B             | PW562K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-35A             | PW682K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-35B             | PW682K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-36A             | PW822K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-36B             | PW822K-61                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-37A             | PW103K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-37B             | PW103K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-38A             | PW123K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-38B             | PW123K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/15-39A             | PW153K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-39B             | PW153K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-40A             | PW183K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-40B             | PW183K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-41A             | PW223K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-41B             | PW223K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-42A             | PW273K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-42B             | PW273K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-43A             | PW333K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-43B             | PW333K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-44A             | PW393K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-44B             | PW393K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-45A             | PW473K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-45B             | PW473K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-46A             | PW563K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-46B             | PW563K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-47A             | PW683K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-47B             | PW683K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-48A             | PW823K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-48B             | PW823K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-49A             | PW104K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-49B             | PW104K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-50A             | PW124K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-50B             | PW124K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-51A             | PW154K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-51B             | PW154K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-52A             | PW184K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-52B             | PW184K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-53A             | PW224K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-53B             | PW224K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-54A             | PW274K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-54B             | PW274K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-55A             | PW334K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-55B             | PW334K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-56A             | PW394K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-56B             | PW394K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-57A             | PW474K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-57B             | PW474K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-58A             | PW564K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-58B             | PW564K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-59A             | PW684K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-59B             | PW684K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-60A             | PW824K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-60B             | PW824K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-61A             | PW105K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/15-61B             | PW105K-3F                                       | 83446-507-83                          | /15                         | Piconics, Inc.                            |
| M83446/16-01A             | PGV160-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-01B             | PGV160-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-02A             | PGV250-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-02B             | PGV250-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-03A             | PGV510-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-03B             | PGV510-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-04A             | PGV760-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-04B             | PGV760-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-05A             | PGV101-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |

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| M83446/16-05B             | PGV101-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-06A             | PGV131-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-06B             | PGV131-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-07A             | PGV151-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-07B             | PGV151-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-08A             | PGV181-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-08B             | PGV181-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-09A             | PGV221-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-09B             | PGV221-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-10A             | PGV271-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-10B             | PGV271-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-11A             | PGV331-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-11B             | PGV331-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-12A             | PGV371-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-12B             | PGV371-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-13A             | PGV471-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-13B             | PGV471-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-14A             | PGV561-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-14B             | PGV561-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-15A             | PGV681-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-15B             | PGV681-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-16A             | PGV761-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-16B             | PGV761-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-17A             | PGV821-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-17B             | PGV821-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-18A             | PGV951-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-18B             | PGV951-81                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-19A             | PGV102-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-19B             | PGV102-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-20A             | PGV152-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-20B             | PGV152-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-21A             | PGV222-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-21B             | PGV222-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-22A             | PGV272-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-22B             | PGV272-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-23A             | PGV332-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-23B             | PGV332-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-24A             | PGV472-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-24B             | PGV472-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-25A             | PGV582-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-25B             | PGV582-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-26A             | PGV682-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-26B             | PGV682-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-27A             | PGV822-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-27B             | PGV822-61                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-28A             | PGV103-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-28B             | PGV103-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-29A             | PGV133-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-29B             | PGV133-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-30A             | PGV163-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-30B             | PGV163-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-31A             | PGV203-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-31B             | PGV203-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-32A             | PGV223-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-32B             | PGV223-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/16-33A             | PGV303-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-33B             | PGV303-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-34A             | PGV363-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-34B             | PGV363-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-35A             | PGV473-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-35B             | PGV473-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-36A             | PGV563-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-36B             | PGV563-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-37A             | PGV683-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-37B             | PGV683-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-38A             | PGV753-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-38B             | PGV753-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-39A             | PGV863-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-39B             | PGV863-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-40A             | PGV104-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-40B             | PGV104-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-41A             | PGV124-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-41B             | PGV124-3F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-42A             | PGV154-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-42B             | PGV154-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-43A             | PGV474-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-43B             | PGV474-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-44A             | PGV684-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-44B             | PGV684-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-45A             | PGV105-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/16-45B             | PGV105-1F                                       | 83446-508-83                          | /16                         | Piconics, Inc.                            |
| M83446/17-01A             | PV160-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-01B             | PV160-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-02A             | PV250-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-02B             | PV250-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-03A             | PV510-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-03B             | PV510-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-04A             | PV760-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-04B             | PV760-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-05A             | PV101-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-05B             | PV101-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-06A             | PV131-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-06B             | PV131-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-07A             | PV151-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-07B             | PV151-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-08A             | PV181-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-08B             | PV181-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-09A             | PV221-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-09B             | PV221-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-10A             | PV271-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-10B             | PV271-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-11A             | PV331-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-11B             | PV331-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-12A             | PV371-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-12B             | PV371-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-13A             | PV471-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-13B             | PV471-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-14A             | PV561-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-14B             | PV561-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-15A             | PV681-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/17-15B             | PV681-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-16A             | PV761-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-16B             | PV761-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-17A             | PV821-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-17B             | PV821-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-18A             | PV951-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-18B             | PV951-81                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-19A             | PV102-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-19B             | PV102-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-20A             | PV152-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-20B             | PV152-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-21A             | PV222-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-21B             | PV222-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-22A             | PV272-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-22B             | PV272-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-23A             | PV332-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-23B             | PV332-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-24A             | PV472-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-24B             | PV472-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-25A             | PV582-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-25B             | PV582-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-26A             | PV682-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-26B             | PV682-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-27A             | PV822-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-27B             | PV822-61                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-28A             | PV103-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-28B             | PV103-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-29A             | PV133-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-29B             | PV133-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-30A             | PV163-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-30B             | PV163-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-31A             | PV203-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-31B             | PV203-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-32A             | PV223-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-32B             | PV223-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-33A             | PV303-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-33B             | PV303-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-34A             | PV383-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-34B             | PV383-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-35A             | PV473-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-35B             | PV473-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-36A             | PV563-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-36B             | PV563-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-37A             | PV683-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-37B             | PV683-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-38A             | PV753-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-38B             | PV753-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-39A             | PV863-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-39B             | PV863-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-40A             | PV104-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-40B             | PV104-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-41A             | PV124-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-41B             | PV124-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-42A             | PV154-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-42B             | PV154-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/17-43A             | PV474-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-43B             | PV474-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-44A             | PV684-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-44B             | PV684-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-45A             | PV105-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/17-45B             | PV105-3F                                        | 83446-509-83                          | /17                         | Piconics, Inc.                            |
| M83446/18-01A             | PVW160-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-01B             | PVW160-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-02A             | PVW250-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-02B             | PVW250-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-03A             | PVW510-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-03B             | PVW510-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-04A             | PVW760-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-04B             | PVW760-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-05A             | PVW101-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-05B             | PVW101-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-06A             | PVW131-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-06B             | PVW131-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-07A             | PVW151-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-07B             | PVW151-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-08A             | PVW181-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-08B             | PVW181-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-09A             | PVW221-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-09B             | PVW221-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-10A             | PVW271-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-10B             | PVW271-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-11A             | PVW331-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-11B             | PVW331-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-12A             | PVW371-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-12B             | PVW371-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-13A             | PVW471-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-13B             | PVW471-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-14A             | PVW561-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-14B             | PVW561-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-15A             | PVW681-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-15B             | PVW681-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-16A             | PVW761-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-16B             | PVW761-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-17A             | PVW821-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-17B             | PVW821-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-18A             | PVW951-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-18B             | PVW951-81                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-19A             | PVW102-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-19B             | PVW102-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-20A             | PVW152-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-20B             | PVW152-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-21A             | PVW222-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-21B             | PVW222-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-22A             | PVW272-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-22B             | PVW272-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-23A             | PVW332-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-23B             | PVW332-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-24A             | PVW472-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-24B             | PVW472-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-25A             | PVW582-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/18-25B             | PVW582-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-26A             | PVW682-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-26B             | PVW682-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-27A             | PVW822-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-27B             | PVW822-61                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-28A             | PVW103-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-28B             | PVW103-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-29A             | PVW133-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-29B             | PVW133-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-30A             | PVW163-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-30B             | PVW163-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-31A             | PVW203-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-31B             | PVW203-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-32A             | PVW223-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-32B             | PVW223-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-33A             | PVW303-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-33B             | PVW303-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-34A             | PVW363-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-34B             | PVW363-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-35A             | PVW473-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-35B             | PVW473-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-36A             | PVW583-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-36B             | PVW583-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-37A             | PVW683-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-37B             | PVW683-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-38A             | PVW753-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-38B             | PVW753-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-39A             | PVW863-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-39B             | PVW863-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-40A             | PVW104-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-40B             | PVW104-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-41A             | PVW124-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-41B             | PVW124-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-42A             | PVW154-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-42B             | PVW154-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-43A             | PVW474-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-43B             | PVW474-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-44A             | PVW684-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-44B             | PVW684-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-45A             | PVW105-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/18-45B             | PVW105-3F                                       | 83446-510-83                          | /18                         | Piconics, Inc.                            |
| M83446/19-01A             | PSV160-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-01B             | PSV160-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-02A             | PSV250-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-02B             | PSV250-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-03A             | PSV510-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-03B             | PSV510-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-04A             | PSV760-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-04B             | PSV760-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-05A             | PSV101-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-05B             | PSV101-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-06A             | PSV131-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-06B             | PSV131-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-07A             | PSV151-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-07B             | PSV151-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M83446/19-08A             | PSV181-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-08B             | PSV181-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-09A             | PSV221-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-09B             | PSV221-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-10A             | PSV271-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-10B             | PSV271-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-11A             | PSV331-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-11B             | PSV331-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-12A             | PSV371-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-12B             | PSV371-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-13A             | PSV471-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-13B             | PSV471-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-14A             | PSV561-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-14B             | PSV561-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-15A             | PSV681-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-15B             | PSV681-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-16A             | PSV761-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-16B             | PSV761-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-17A             | PSV821-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-17B             | PSV821-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-18A             | PSV951-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-18B             | PSV951-81                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-19A             | PSV102-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-19B             | PSV102-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-20A             | PSV152-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-20B             | PSV152-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-21A             | PSV222-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-21B             | PSV222-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-22A             | PSV272-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-22B             | PSV272-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-23A             | PSV332-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-23B             | PSV332-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-24A             | PSV472-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-24B             | PSV472-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-25A             | PSV582-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-25B             | PSV582-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-26A             | PSV682-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-26B             | PSV682-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-27B             | PSV822-61                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-28A             | PSV103-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-28B             | PSV103-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-29A             | PSV133-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-29B             | PSV133-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-30A             | PSV163-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-30B             | PSV163-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-31A             | PSV203-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-31B             | PSV203-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-32A             | PSV223-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-32B             | PSV223-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-33A             | PSV303-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-33B             | PSV303-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-34A             | PSV363-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-34B             | PSV363-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-35A             | PSV473-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-35B             | PSV473-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |

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| M83446/19-36A             | PSV563-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-36B             | PSV563-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-37A             | PSV683-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-37B             | PSV683-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-38A             | PSV753-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-38B             | PSV753-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-39A             | PSV863-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-39B             | PSV863-3F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-40A             | PSV104-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-40B             | PSV104-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-41A             | PSV124-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-41B             | PSV124-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-42A             | PSV154-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-42B             | PSV154-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-43A             | PSV474-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-43B             | PSV474-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-44A             | PSV684-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-44B             | PSV684-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-45A             | PSV105-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/19-45B             | PSV105-1F                                       | 83446-511-83                          | /19                         | Piconics, Inc.                            |
| M83446/20-01F             | M0820-00K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-02F             | M0820-02K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-03F             | M0820-04K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-04F             | M0820-06K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-05F             | M0820-08K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-06F             | M0820-10K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-07F             | M0820-12K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-08F             | M0820-14K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/20-09F             | M0820-16K                                       | 83446-195-93, 83446-196-93            | /20                         | API SMD, Inc.                             |
| M83446/21-01F             | M0820-18K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-02F             | M0820-20K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-03F             | M0820-22K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-04F             | M0820-24K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-05F             | M0820-26K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-06F             | M0820-28K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-07F             | M0820-30K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-08F             | M0820-32K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-09F             | M0820-34K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-10F             | M0820-36K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-11F             | M0820-38K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-12F             | M0820-40K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-13F             | M0820-42K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-14F             | M0820-44K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-15F             | M0820-46K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-16F             | M0820-48K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-17F             | M0820-50K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-18F             | M0820-52K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-19F             | M0820-54K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-20F             | M0820-56K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-21F             | M0820-58K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-22F             | M0820-60K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-23F             | M0820-62K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-24F             | M0820-64K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-25F             | M0820-66K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |

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| M83446/21-26F             | M0820-68K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-27F             | M0820-70K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/21-28F             | M0820-72K                                       | 83446-197-93, 83446-198-93            | /21                         | API SMD, Inc.                             |
| M83446/22-01F             | M0820-74K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-02F             | M0820-76K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-03F             | M0820-78K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-04F             | M0820-80K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-05F             | M0820-82K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-06F             | M0820-84K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-07F             | M0820-86K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-08F             | M0820-88K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-09F             | M0820-90K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-10F             | M0820-92K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-11F             | M0820-94K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/22-12F             | M0820-96K                                       | 83446-199-93, 83446-200-93            | /22                         | API SMD, Inc.                             |
| M83446/23-01F             | M1330-94K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-02F             | M1330-96K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-03F             | M1330-00K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-04F             | M1330-02K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-05F             | M1330-04K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-06F             | M1330-06K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-07F             | M1330-08K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-08F             | M1330-10K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-09F             | M1330-12K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-10F             | M1330-14K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-11F             | M1330-16K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-12F             | M1330-18K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/23-13F             | M1330-20K                                       | 83446-202-93, 83446-203-93            | /23                         | API SMD, Inc.                             |
| M83446/24-01F             | M1330-22K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-02F             | M1330-24K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-03F             | M1330-26K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-04F             | M1330-28K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-05F             | M1330-30K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-06F             | M1330-32K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-07F             | M1330-34K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-08F             | M1330-36K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-09F             | M1330-38K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-10F             | M1330-40K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-11F             | M1330-42K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-12F             | M1330-44K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-13F             | M1330-46K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-14F             | M1330-48K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-15F             | M1330-50K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-16F             | M1330-52K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/24-17F             | M1330-54K                                       | 83446-204-93, 83446-205-93            | /24                         | API SMD, Inc.                             |
| M83446/25-01F             | M1330-56K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-02F             | M1330-58K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-03F             | M1330-60K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-04F             | M1330-62K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-05F             | M1330-64K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-06F             | M1330-66K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-07F             | M1330-68K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-08F             | M1330-70K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |

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| M83446/25-09F             | M1330-72K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-10F             | M1330-74K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-11F             | M1330-76K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-12F             | M1330-78K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-13F             | M1330-80K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-14F             | M1330-82K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-15F             | M1330-84K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-16F             | M1330-86K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-17F             | M1330-88K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-18F             | M1330-90K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/25-19F             | M1330-92K                                       | 83446-206-93, 83446-207-93            | /25                         | API SMD, Inc.                             |
| M83446/26-01F             | M1331-101K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-02F             | M1331-121K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-03F             | M1331-151K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-04F             | M1331-181K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-05F             | M1331-221K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-06F             | M1331-271K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-07F             | M1331-331K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-08F             | M1331-391K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-09F             | M1331-471K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-10F             | M1331-561K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-11F             | M1331-681K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-12F             | M1331-821K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-13F             | M1331-102K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-14F             | M1331-122K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-15F             | M1331-152K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-16F             | M1331-182K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-17F             | M1331-222K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-18F             | M1331-272K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-19F             | M1331-332K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-20F             | M1331-392K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-21F             | M1331-472K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-22F             | M1331-562K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-23F             | M1331-682K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-24F             | M1331-822K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-25F             | M1331-103K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-26F             | M1331-123K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-27F             | M1331-153K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-28F             | M1331-183K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-29F             | M1331-223K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-30F             | M1331-273K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-31F             | M1331-333K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-32F             | M1331-393K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-33F             | M1331-473K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-34F             | M1331-563K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-35F             | M1331-683K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-36F             | M1331-823K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/26-37F             | M1331-104K                                      | 83446-208-93, 83446-209-93            | /26                         | API SMD, Inc.                             |
| M83446/27-01F             | M1331-124K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-02F             | M1331-154K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-03F             | M1331-184K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-04F             | M1331-224K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-05F             | M1331-274K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-06F             | M1331-334K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |

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| M83446/27-07F             | M1331-394K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-08F             | M1331-474K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/27-09F             | M1331-564K                                      | 83446-210-93, 83446-211-93            | /27                         | API SMD, Inc.                             |
| M83446/28-01F             | 2510-00K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-02F             | 2510-02K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-03F             | 2510-04K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-04F             | 2510-06K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-05F             | 2510-08K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-06F             | 2510-10K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-07F             | 2510-12K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-08F             | 2510-14K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/28-09F             | 2510-16K                                        | 83446-006-01                          | /28                         | API SMD, Inc.                             |
| M83446/29-01F             | 2510-18K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-02F             | 2510-20K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-03F             | 2510-22K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-04F             | 2510-24K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-05F             | 2510-26K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-06F             | 2510-28K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-07F             | 2510-30K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-08F             | 2510-32K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-09F             | 2510-34K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-10F             | 2510-36K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-11F             | 2510-38K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-12F             | 2510-40K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-13F             | 2510-42K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-14F             | 2510-44K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-15F             | 2510-46K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-16F             | 2510-48K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-17F             | 2510-50K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-18F             | 2510-52K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-19F             | 2510-54K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-20F             | 2510-56K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-21F             | 2510-58K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-22F             | 2510-60K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-23F             | 2510-62K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-24F             | 2510-64K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-25F             | 2510-66K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-26F             | 2510-68K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-27F             | 2510-70K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/29-28F             | 2510-72K                                        | 83446-006-01                          | /29                         | API SMD, Inc.                             |
| M83446/30-01F             | 2510-74K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-02F             | 2510-76K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-03F             | 2510-78K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-04F             | 2510-80K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-05F             | 2510-82K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-06F             | 2510-84K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-07F             | 2510-86K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-08F             | 2510-88K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-09F             | 2510-90K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-10F             | 2510-92K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-11F             | 2510-94K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/30-12F             | 2510-96K                                        | 83446-006-01                          | /30                         | API SMD, Inc.                             |
| M83446/31-01F             | 1330-94K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |

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| M83446/31-02F             | 1330-96K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-03F             | 1330-00K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-04F             | 1330-02K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-05F             | 1330-04K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-06F             | 1330-06K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-07F             | 1330-08K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-08F             | 1330-10K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-09F             | 1330-12K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-10F             | 1330-14K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-11F             | 1330-16K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-12F             | 1330-18K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/31-13F             | 1330-20K                                        | 83446-006-01                          | /31                         | API SMD, Inc.                             |
| M83446/32-01F             | 1330-22K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-02F             | 1330-24K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-03F             | 1330-26K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-04F             | 1330-28K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-05F             | 1330-30K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-06F             | 1330-32K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-07F             | 1330-34K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-08F             | 1330-36K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-09F             | 1330-38K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-10F             | 1330-40K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-11F             | 1330-42K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-12F             | 1330-44K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-13F             | 1330-46K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-14F             | 1330-48K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-15F             | 1330-50K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-16F             | 1330-52K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/32-17F             | 1330-54K                                        | 83446-006-01                          | /32                         | API SMD, Inc.                             |
| M83446/33-01F             | 1330-56K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-02F             | 1330-58K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-03F             | 1330-60K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-04F             | 1330-62K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-05F             | 1330-64K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-06F             | 1330-66K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-07F             | 1330-68K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-08F             | 1330-70K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-09F             | 1330-72K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-10F             | 1330-74K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-11F             | 1330-76K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-12F             | 1330-78K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-13F             | 1330-80K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-14F             | 1330-82K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-15F             | 1330-84K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-16F             | 1330-86K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-17F             | 1330-88K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-18F             | 1330-90K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/33-19F             | 1330-92K                                        | 83446-006-01                          | /33                         | API SMD, Inc.                             |
| M83446/34-01F             | 1331-101K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-02F             | 1331-121K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-03F             | 1331-151K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-04F             | 1331-181K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-05F             | 1331-221K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-06F             | 1331-271K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| M83446/34-07F             | 1331-331K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-08F             | 1331-391K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-09F             | 1331-471K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-10F             | 1331-561K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-11F             | 1331-681K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-12F             | 1331-821K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-13F             | 1331-102K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-14F             | 1331-122K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-15F             | 1331-152K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-16F             | 1331-182K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-17F             | 1331-222K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-18F             | 1331-272K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-19F             | 1331-332K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-20F             | 1331-392K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-21F             | 1331-472K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-22F             | 1331-562K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-23F             | 1331-682K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-24F             | 1331-822K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-25F             | 1331-103K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-26F             | 1331-123K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-27F             | 1331-153K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-28F             | 1331-183K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-29F             | 1331-223K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-30F             | 1331-273K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-31F             | 1331-333K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-32F             | 1331-393K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-33F             | 1331-473K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-34F             | 1331-563K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-35F             | 1331-683K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-36F             | 1331-823K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/34-37F             | 1331-104K                                       | 83446-006-01                          | /34                         | API SMD, Inc.                             |
| M83446/35-01F             | 1331-124K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-02F             | 1331-154K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-03F             | 1331-184K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-04F             | 1331-224K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-05F             | 1331-274K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-06F             | 1331-334K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-07F             | 1331-394K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-08F             | 1331-474K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |
| M83446/35-09F             | 1331-564K                                       | 83446-006-01                          | /35                         | API SMD, Inc.                             |

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## Manufacturer and Supplier Location Information

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**Manufacturer: API Delevan, Inc. (CAGE Code: 99800)**

Location: 270 Quaker Road, East Aurora, NY 14052, United States

Plant Location: Same Address as Manufacturer

**Manufacturer: API SMD, Inc. (CAGE Code: 6U609)**

Location: 95 North Street, Arcade, NY 14009-9713, United States

Plant Location: Same Address as Manufacturer

**Manufacturer: Coast/Advanced Chip Magnetics (CAGE Code: 22558)**

Location: 5301 W. Washington Boulevard, Los Angeles, CA 90016-1191, United States

Plant Locations:

1. Same Address as Manufacturer
2. Advanced Chip Magnetics of Guatemala, Colonia "Los Manantiales, Plaza Maxima Local #8, San Jose Pinula, Guatemala, Central America

**Manufacturer: Magnespec, Inc (CAGE Code: 53854)**

Location: 3037 E. Harcourt Street, Rancho Dominguez, CA 90221-5503, United States

Plant Location: Same Address as Manufacturer

**Manufacturer: Piconics, Inc. (CAGE Code: 26618)**

Location: 20 Cummings Road, Tyngsboro, MA 01879, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Vanguard Electronics Company, Inc (CAGE Code: 03550)**

Location: 1480 West 178th Street, Gardena, CA 90248-3277, United States

Plant Location: Electronica Vanguard, 1798 Periferico Oriente, Colonia Rivera, Mexicali, Baja, CA, Mexico