

QUALIFIED PRODUCTS LIST  
 OF  
 PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION  
 MIL-A-3933  
 ATTENUATORS, FIXED  
 GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the procurement of products covered by Specification MIL-A-3933. 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 has 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 DESIGNATION                                                                                                                                                                                                                                                                                                                                                                   | MANUFACTURER'S DESIGNATION OR TYPE NUMBER                                                                                                                                                                                                                                                                                                                                                                    | TEST OR QUALIFICATION REFERENCE | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|
| M3933/10-02N, S thru -21N, S                                                                                                                                                                                                                                                                                                                                                             | M3933/10-01N, S thru -21N, S                                                                                                                                                                                                                                                                                                                                                                                 | 3933-1074-87<br>3933-1075-87    | Weinschel Corp.                            |
| M3933/14-01N thru -14N<br>M3933/14-17N thru -24N                                                                                                                                                                                                                                                                                                                                         | M3933/14-01N thru -14N<br>M3933/14-17N thru -24N                                                                                                                                                                                                                                                                                                                                                             | 3933-84-89<br>3933-85-89        | Alan Industries                            |
| M3933/14-01N, S<br>M3933/14-02N, S<br>M3933/14-03N, S<br>M3933/14-04N, S<br>M3933/14-05N, S<br>M3933/14-06N, S<br>M3933/14-07N, S<br>M3933/14-08N, S<br>M3933/14-09N, S<br>M3933/14-10N, S<br>M3933/14-11N, S<br>M3933/14-12N, S<br>M3933/14-13N, S<br>M3933/14-17N, S<br>M3933/14-18N, S<br>M3933/14-19N, S<br>M3933/14-20N, S<br>M3933/14-21N, S<br>M3933/14-22N, S<br>M3933/14-23N, S | 2082-4135-03N, S<br>2082-4135-06N, S<br>2082-4135-10N, S<br>2082-4135-20N, S<br>2082-4135-15N, S<br>2082-4135-01N, S<br>2082-4135-02N, S<br>2082-4135-04N, S<br>2082-4135-05N, S<br>2082-4135-07N, S<br>2082-4135-08N, S<br>2082-4135-09N, S<br>2082-4135-30N, S<br>2082-4135-28N, S<br>2082-4135-16N, S<br>2082-4135-14N, S<br>2082-4135-13N, S<br>2082-4135-12N, S<br>2082-4135-11N, S<br>2082-4135-23N, S | 3933-1125-86<br>3933-1126-86    | M/A COM, Inc.                              |
| M3933/14-01N, S thru -14N, S<br>M3933/14-17N, S thru -24N, S                                                                                                                                                                                                                                                                                                                             | M3933/14-01N, S thru -14N, S<br>M3933/14-17N, S thru -24N, S                                                                                                                                                                                                                                                                                                                                                 | 3933-073-92<br>3933-074-92      | Midwest Microwave, Inc.                    |
| M3933/14-01N, S thru -12N, S<br>M3933/14-18N, S thru -23N, S                                                                                                                                                                                                                                                                                                                             | M3933/14-01N, S thru -12N, S<br>M3933/14-18N, S thru -23N, S                                                                                                                                                                                                                                                                                                                                                 | 3933-723-86                     | Soliton/Vector Microwave Products, Inc.    |
| M3933/14-01N, S thru -14N, S<br>M3933/14-17N, S thru -24N, S                                                                                                                                                                                                                                                                                                                             | M3933/14-01N, S thru -14N, S<br>M3933/14-17N, S thru -24N, S                                                                                                                                                                                                                                                                                                                                                 | 3933-1074-87<br>3933-1075-87    | Weinschel Corp.                            |

| GOVERNMENT<br>DESIGNATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M3933/16-01N thru -13N<br>M3933/16-16N thru -58N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M3933/16-01N thru -13N<br>M3933/16-16N thru -58N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3933-85-89                            | Alan Industries                               |
| M3933/16-01N, S<br>M3933/16-02N, S<br>M3933/16-03N, S<br>M3933/16-04N, S<br>M3933/16-05N, S<br>M3933/16-06N, S<br>M3933/16-07N, S<br>M3933/16-08N, S<br>M3933/16-09N, S<br>M3933/16-10N, S<br>M3933/16-11N, S<br>M3933/16-12N, S<br>M3933/16-16N, S<br>M3933/16-17N, S<br>M3933/16-18N, S<br>M3933/16-19N, S<br>M3933/16-20N, S<br>M3933/16-21N, S<br>M3933/16-22N, S<br>M3933/16-23N, S<br>M3933/16-24N, S<br>M3933/16-25N, S<br>M3933/16-26N, S<br>M3933/16-27N, S<br>M3933/16-28N, S<br>M3933/16-29N, S<br>M3933/16-30N, S<br>M3933/16-31N, S<br>M3933/16-32N, S<br>M3933/16-33N, S<br>M3933/16-34N, S<br>M3933/16-35N, S<br>M3933/16-36N, S<br>M3933/16-37N, S<br>M3933/16-38N, S<br>M3933/16-39N, S<br>M3933/16-40N, S<br>M3933/16-41N, S<br>M3933/16-42N, S<br>M3933/16-43N, S<br>M3933/16-44N, S<br>M3933/16-45N, S<br>M3933/16-46N, S<br>M3933/16-47N, S<br>M3933/16-48N, S<br>M3933/16-49N, S<br>M3933/16-50N, S<br>M3933/16-51N, S<br>M3933/16-52N, S<br>M3933/16-53N, S<br>M3933/16-54N, S<br>M3933/16-55N, S<br>M3933/16-56N, S | 2082-4137-03N, S<br>2082-4137-06N, S<br>2082-4137-10N, S<br>2082-4137-20N, S<br>2082-4137-01N, S<br>2082-4137-02N, S<br>2082-4137-04N, S<br>2082-4137-05N, S<br>2082-4137-07N, S<br>2082-4137-08N, S<br>2082-4137-09N, S<br>2082-4137-30N, S<br>2082-4137-00N, S<br>2082-4385-01N, S<br>2082-4385-02N, S<br>2082-4385-03N, S<br>2082-4385-04N, S<br>2082-4385-05N, S<br>2082-4385-06N, S<br>2082-4385-07N, S<br>2082-4385-08N, S<br>2082-4385-09N, S<br>2082-4385-10N, S<br>2082-4385-11N, S<br>2082-4137-11N, S<br>2082-4385-12N, S<br>2082-4137-12N, S<br>2082-4385-13N, S<br>2082-4137-13N, S<br>2082-4385-14N, S<br>2082-4137-14N, S<br>2082-4385-15N, S<br>2082-4137-15N, S<br>2082-4385-16N, S<br>2082-4137-16N, S<br>2082-4385-17N, S<br>2082-4137-17N, S<br>2082-4385-18N, S<br>2082-4137-18N, S<br>2082-4385-19N, S<br>2082-4137-19N, S<br>2082-4385-20N, S<br>2082-4385-21N, S<br>2082-4137-21N, S<br>2082-4385-22N, S<br>2082-4137-22N, S<br>2082-4385-23N, S<br>2082-4137-23N, S<br>2082-4385-24N, S<br>2082-4137-24N, S<br>2082-4385-25N, S<br>2082-4137-25N, S<br>2082-4137-28N, S | 3933-1125-86<br>3933-1126-86          | M/A COM, Inc.                                 |
| M3933/16-01N, S thru -13N, S<br>M3933/16-16N, S thru -58N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M3933/16-01N, S thru -13N, S<br>M3933/16-16N, S thru -58N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3933-074-92                           | Midwest Microwave, Inc.                       |
| M3933/16-01N, S thru -11N, S<br>M3933/16-16N, S thru -45N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M3933/16-01N, S thru -11N, S<br>M3933/16-16N, S thru -45N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3933-723-86                           | Solitron/Vector Microwave<br>Products, Inc.   |
| M3933/16-01N, S thru -13N, S<br>M3933/16-16N, S thru -51N, S<br>M3933/16-57N, S<br>M3933/16-58N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M3933/16-01N, S thru -13N, S<br>M3933/16-16N, S thru -51N, S<br>M3933/16-57N, S<br>M3933/16-58N, S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3933-1074-87<br>3933-1075-87          | Weinschel Corp.                               |

| GOVERNMENT<br>DESIGNATION                                                                                                                                                                                                                                                                                                                                                                | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER                                                                                                                                                                                                                                                                                                                                                              | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| M3933/17-01N, S thru -22N, S                                                                                                                                                                                                                                                                                                                                                             | M3933/17-01N, S thru -22N, S                                                                                                                                                                                                                                                                                                                                                                                 | 3933-073-92<br>3933-074-92            | Midwest Microwave, Inc.                       |
| M3933/17-01N thru -07N<br>M3933/17-09N thru -19N                                                                                                                                                                                                                                                                                                                                         | M3933/17-01N thru -07N<br>M3933/17-09N thru -19N                                                                                                                                                                                                                                                                                                                                                             | 3933-181-92                           | Soliton/Vector Microwave<br>Products, Inc.    |
| M3933/17-01N, S<br>M3933/17-02N, S                                                                                                                                                                                                                                                                                                                                                       | M3933/17-01N, S<br>M3933/17-02N, S                                                                                                                                                                                                                                                                                                                                                                           | 3933-1074-87                          | Weinschel Corp.                               |
| M3933/18-01N thru -04N<br>M3933/18-09N thru -16N<br>M3933/18-21N thru -24N                                                                                                                                                                                                                                                                                                               | M3933/18-01N thru -04N<br>M3933/18-09N thru -16N<br>M3933/18-21N thru -24N                                                                                                                                                                                                                                                                                                                                   | 3933-779-91                           | Soliton/Vector Microwave<br>Products, Inc.    |
| M3933/18-01N, S thru -06N, S<br>M3933/18-09N, S thru -18N, S                                                                                                                                                                                                                                                                                                                             | M3933/18-01N, S thru -06N, S<br>M3933/18-09N, S thru -18N, S                                                                                                                                                                                                                                                                                                                                                 | 3933-1074-87<br>3933-1075-87          | Weinschel Corp.                               |
| M3933/19-01N thru -12N<br>M3933/19-18N                                                                                                                                                                                                                                                                                                                                                   | M3933/19-01N thru -12N<br>M3933/19-18N                                                                                                                                                                                                                                                                                                                                                                       | 3933-156-92                           | Soliton/Vector Microwave<br>Products, Inc.    |
| M3933/23-01N, S<br>M3933/23-02N, S<br>M3933/23-03N, S<br>M3933/23-04N, S<br>M3933/23-05N, S<br>M3933/23-06N, S<br>M3933/23-08N, S<br>M3933/23-09N, S<br>M3933/23-10N, S<br>M3933/23-11N, S<br>M3933/23-12N, S<br>M3933/23-13N, S<br>M3933/23-14N, S<br>M3933/23-15N, S<br>M3933/23-16N, S<br>M3933/23-17N, S<br>M3933/23-18N, S<br>M3933/23-19N, S<br>M3933/23-20N, S<br>M3933/23-21N, S | M-0660-1003-N, S<br>M-0660-1006-N, S<br>M-0660-1010-N, S<br>M-0660-1013-N, S<br>M-0660-1015-N, S<br>M-0660-1020-N, S<br>M-0660-1001-N, S<br>M-0660-1002-N, S<br>M-0660-1004-N, S<br>M-0660-1005-N, S<br>M-0660-1007-N, S<br>M-0660-1008-N, S<br>M-0660-1009-N, S<br>M-0660-1011-N, S<br>M-0660-1012-N, S<br>M-0660-1014-N, S<br>M-0660-1016-N, S<br>M-0660-1017-N, S<br>M-0660-1018-N, S<br>M-0660-1019-N, S | 3933-261-88                           | Soliton/Vector Microwave<br>Products, Inc.    |
| M3933/24-01N, S<br>M3933/24-02N, S<br>M3933/24-03N, S                                                                                                                                                                                                                                                                                                                                    | 2084-4012-10N, S<br>2084-4012-15N, S<br>2084-4012-20N, S                                                                                                                                                                                                                                                                                                                                                     | 3933-1125-86                          | M/A COM, Inc.                                 |
| M3933/24-01N, S thru -03N, S                                                                                                                                                                                                                                                                                                                                                             | M3933/24-01N, S thru -03N, S                                                                                                                                                                                                                                                                                                                                                                                 | 3933-073-92                           | Midwest Microwave, Inc.                       |
| M3933/25-01N, S thru -25N, S<br>M3933/25-26N, S<br>M3933/25-27N, S thru -51N, S<br>M3933/25-52N, S                                                                                                                                                                                                                                                                                       | 2082-4384-01N, S thru -25N, S<br>2082-4384-30N, S<br>2082-4383-01N, S thru -51N, S<br>2082-4383-30N, S                                                                                                                                                                                                                                                                                                       | 3933-1127-86<br>3933-1128-86          | M/A COM, Inc.                                 |
| M3933/25-58N, S<br>M3933/25-59N, S<br>M3933/25-60N, S<br>M3933/25-61N, S<br>M3933/25-62N, S<br>M3933/25-63N, S<br>M3933/25-64N, S<br>M3933/25-65N, S<br>M3933/25-66N, S<br>M3933/25-67N, S<br>M3933/25-68N, S<br>M3933/25-69N, S                                                                                                                                                         | 2082-4381-00N, S<br>2082-4382-01N, S<br>2082-4381-01N, S<br>2082-4382-02N, S<br>2082-4381-02N, S<br>2082-4382-03N, S<br>2082-4381-03N, S<br>2082-4382-04N, S<br>2082-4381-04N, S<br>2082-4382-05N, S<br>2082-4381-05N, S<br>2082-4382-06N, S                                                                                                                                                                 | 3933-1127-86                          | M/A COM, Inc.                                 |

| GOVERNMENT<br>DESIGNATION                                                                                                                            | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER                                                                                                              | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------|
| M3933/25-70N, S<br>M3933/25-71N, S<br>M3933/25-72N, S<br>M3933/25-73N, S<br>M3933/25-74N, S<br>M3933/25-75N, S<br>M3933/25-76N, S<br>M3933/25-77N, S | 2082-4381-06N, S<br>2082-4382-07N, S<br>2082-4381-07N, S<br>2082-4382-08N, S<br>2082-4381-08N, S<br>2082-4382-09N, S<br>2082-4381-09N, S<br>2082-4382-10N, S | 3933-1127-86                          | M/A COM, Inc. (Continued)                     |
| M3933/25-78N, S thru -88N, S<br>M3933/25-89N, S<br>M3933/25-90N, S                                                                                   | 2082-4381-10N, S thru -20N, S<br>2082-4381-25N, S<br>2082-4381-30N, S                                                                                        | 3933-1127-86<br>3933-1128-86          | M/A COM, Inc.                                 |
| M3933/25-01N, S thru -54N, S<br>M3933/25-58N, S thru -92N, S                                                                                         | M3933/25-01N, S thru -54N, S<br>M3933/25-58N, S thru -92N, S                                                                                                 | 3933-073-92<br>3933-074-92            | Midwest Microwave, Inc.                       |
| M3933/25-01N, S thru -20N, S<br>M3933/25-27N, S thru -46N, S<br>M3933/25-58N, S thru -88N, S                                                         | M3933/25-01N, S thru -20N, S<br>M3933/25-27N, S thru -46N, S<br>M3933/25-58N, S thru -88N, S                                                                 | 3933-723-86<br>3933-589-91            | Solitron/Vector Microwave                     |
| M3933/25-01N, S thru -54N, S<br>M3933/25-58N, S thru -92N, S                                                                                         | M3933/25-01N, S thru -54N, S<br>M3933/25-58N, S thru -92N, S                                                                                                 | 3933-1074-87<br>3933-1075-87          | Weinschel Corp.                               |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                 | CAGE<br>CODE |  |
|---------------------------------------------------------------------------------------------------------------------------|--------------|--|
| Alan Industries<br>745 Greenway Drive<br>Columbus, IN 47201<br>Plant: Same Address                                        | 52750        |  |
| M/A COM, Inc.<br>P.O. Box 3295<br>Lowell, MA 01853-3295<br>Plant: 1011 Pawtucket Boulevard<br>Lowell, MA 01853-3295       | 96341        |  |
| Midwest Microwave, Inc.<br>6564 South State Road<br>Saline, MI 48176-9569<br>Plant: Same Address                          | 34078        |  |
| Solitron/Vector Microwave Products, Inc.<br>3301 Electronics Way<br>West Palm Beach, FL 33407-4697<br>Plant: Same Address | 95077        |  |
| Weinschel Corp.<br>5305 Spectrum Drive<br>Frederick, MD 21703-7362<br>Plant: Same Address                                 | 93459        |  |