



QUALIFICATIONS VALIDATED  
EVERY TWO YEARS

QPL-123-37  
12-Apr-05  
SUPERSEDING  
QPL-123-36  
18-Mar-05

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION  
MIL-PRF-123  
CAPACITORS, FIXED, CERAMIC DIELECTRIC  
(TEMPERATURE STABLE AND GENERAL PURPOSE), HIGH RELIABILITY,  
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-123. 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 43218-3990.

| GOVERNMENT<br>DESIGNATION                                                                                   | MANUFACTURER'<br>S DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATIO<br>N REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------|-----------------------------|-------------------------------------------|
| <b>CKS05</b>                                                                                                |                                                  |                                        |                             |                                           |
| 4.7 thru 10000pF; tols. C, D, F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C | MR05                                             | 123-197-02                             | /1                          | AVX Avio Excelente S.A. de C.V.           |
| 4.7 thru 10000pF; tols. C, D, F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C | MR05                                             | 123-392-89                             | /1                          | AVX Corporation (Myrtle Beach, SC)        |
| 4.7 thru 10000pF; tols. C, D, F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C | C052Z                                            | 123-178-85                             | /1                          | Kemet Electronics Corp                    |
| <b>CKS06</b>                                                                                                |                                                  |                                        |                             |                                           |
| 270 thru 470000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C      | MR06                                             | 123-197-02                             | /2                          | AVX Avio Excelente S.A. de C.V.           |
| 270 thru 470000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C      | MR06                                             | 123-393-89                             | /2                          | AVX Corporation (Myrtle Beach, SC)        |
| 270 thru 1000000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C     | C062Z                                            | 123-179-85<br>123-078-99               | /2                          | Kemet Electronics Corp                    |
| <b>CKS07</b>                                                                                                |                                                  |                                        |                             |                                           |
| 2700 thru 1000000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C    | C512Z                                            | 123-996-87<br>123-838-93               | /3                          | Kemet Electronics Corp                    |
| <b>CKS11</b>                                                                                                |                                                  |                                        |                             |                                           |
| 4.7 thru 4700pF; tols. C, D, F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. W  | MA10                                             | 123-395-89                             | /4                          | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS12</b>                                                                                                |                                                  |                                        |                             |                                           |
| 110 thru 10000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. W       | MA20                                             | 123-396-89                             | /5                          | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS14</b>                                                                                                |                                                  |                                        |                             |                                           |
| 240 thru 47000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. W       | MA40                                             | 123-397-89                             | /6                          | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS15</b>                                                                                                |                                                  |                                        |                             |                                           |
| 1100 thru 180000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. W     | MA50                                             | 123-398-89                             | /7                          | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS16</b>                                                                                                |                                                  |                                        |                             |                                           |
| 2400 thru 1000000pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. W    | MA60                                             | 123-399-89                             | /8                          | AVX Corporation (Myrtle Beach, SC)        |

| GOVERNMENT<br>DESIGNATION                                                                                      | MANUFACTURER'S<br>DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFICATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------|------------------------|-------------------------------------------|
| <b>CKS22</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 1 thru 100000pF; tols. D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. C     | MD10                                            | 123-418-90                            | /16                    | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS23</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 560 thru 220000pF; tols. F, J, K, M; in 50, 100, 200 volts; BP, BX rated temp. and volt. temp. limits; term. C | MD02                                            | 123-419-90                            | /17                    | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS24</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 120000 thru 470000pF; tols. K, M; in 50, 100 volts; BR rated temp. and volt. temp. limits; term. C             | MD03                                            | 123-420-90                            | /18                    | AVX Corporation (Myrtle Beach, SC)        |
| <b>CKS51</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 1 thru 4700pF; tols. C, F, J, K; in 50 volts; BP, BX rated temp. and volt. temp. limits; term. S, W            | C0805Z                                          | 123-1002-87                           | /10                    | Kemet Electronics Corp                    |
| 1 thru 4700pF; tols. C, F, J, K; in 50 volts; BX rated temp. and volt. temp. limits; term. M                   | CKS51                                           | 123-020-99                            | /10                    | Presidio Components, Inc.                 |
| <b>CKS52</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 300 thru 47000pF; tols. F, J, K; in 50 volts; BP, BX rated temp. and volt. temp. limits; term. S, W            | C1210Z                                          | 123-1003-87                           | /11                    | Kemet Electronics Corp                    |
| <b>CKS53</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 300 thru 100000pF; tols. F, J, K; in 50 volts; BP, BX rated temp. and volt. temp. limits; term. S, W           | C1808Z                                          | 123-1004-87                           | /12                    | Kemet Electronics Corp                    |
| <b>CKS54</b>                                                                                                   |                                                 |                                       |                        |                                           |
| 1100 thru 470000pF; tols. F, J, K; in 50 volts; BP, BX rated temp. and volt. temp. limits; term. S, W          | C2223Z                                          | 123-1005-87                           | /13                    | Kemet Electronics Corp                    |

---

## Manufacturer and Supplier Location Information

---

**Manufacturer: AVX Avio Excelente S.A. de C.V. (CAGE Code: S9915)**

Location: Area Riberena, APDO Post 1709, CP 32310 Ciudad, Juarez, Chihuahua, Mexico

Plant Location: Same Address as Manufacturer

**Manufacturer: AVX Corporation (Myrtle Beach, SC) (CAGE Code: 04222)**

Location: Ceramics Division, 17 Avenue South, Myrtle Beach, SC 29578-0867, US

Plant Location: 8021 Highway 501 /west, Conway, SC 29526, US

**Manufacturer: Kemet Electronics Corp (CAGE Code: 31433)**

Location: 2835 Kemet Way, Simpsonville, SC 29681-2457, US

Plant Location: Periferico Alianza, Jose Arresse #10, Matamoros, Mexico, Mexico

**Manufacturer: Presidio Components, Inc. (CAGE Code: 60212)**

Location: 7169 Construction Court, San Diego, CA 92138, US

Plant Location: Same Address as Manufacturer