

QUALIFICATIONS VALIDATED  
SEMIANNUALLY

QPL-5-102  
24 September 1991  
SUPERSEDING  
QPL-5-101  
12 July 1991

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION  
MIL-C-5  
CAPACITOR, FIXED, MICA-DIELECTRIC  
GENERAL SPECIFICATION FOR

FSC 5910

This list has been prepared for use by or for the Government in the acquisition of products covered by subject specification and such 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 2750 LOGISTICS OPERATIONS GROUP, ELECTRONIC SUPPORT (ES) DIVISION, GENTILE AIR FORCE STATION, OHIO 45444-5400. The activity designated as agent for all contacts relative to this QPL is the Defense Electronics Supply Center (DESC-EQ), Dayton, OH 45444-5000.

| GOVERNMENT<br>DESIGNATION   | MANUFACTURER'S TEST OR<br>DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE)     |
|---|---|---------------------------------------|-----------------------------|---|
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CM04  | 5-57-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CD10  | 5-409-89                              | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | D10   | 5-266-70                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CD10/D10  | 5-409-89                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols.,<br>P operating temp. range, vibration grade 3.        | KD  | 5-602-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CM04  | 5-57-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | DM10  | 39001-789-83                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |

AMSC N/A

1 of 7  
QPL-5-102

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| GOVERNMENT<br>DESIGNATION   | MANUFACTURER'S<br>DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE)     |
|---|---|---------------------------------------|-----------------------------|---|
| CM04<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O oper-<br>ating temp. range, vibration grade 3.      | DM10  | 5-408-82                              | /18                         | Distributed by:<br>SUSCO Electronics, Inc.        |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CM05  | 5-58-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CD15/D15  | 5-240-89<br>5-410-89                  | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | D15   | 5-430-64                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CD15/D15  | 5-410-89                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., P operating<br>temp. range, vibration grade 3.                     | KD  | 5-603-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CM05  | 5-58-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM05<br>Chars. E, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | DM15  | 39001-192-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM05<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O operating<br>temp. range, vibration grade 3.                     | DM15  | 5-409-82                              | /18                         | Distributed by:<br>SUSCO Electronics, Inc.        |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | CM06  | 5-59-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | CD19  | 5-411-89                              | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | D19   | 5-431-64                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM06<br>Char. F in 500 volts, all cap. values,<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                        | CD19/D19  | 5-411-89                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., P operating temp. range,<br>vibration grade 3.                                | KD  | 5-604-83                              | /18                         | Kahgan Electronics Corp.                          |

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| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | CM06  | 5-59-75                               | /18                         | Distributed by:<br>MPI/Capar Components Corp.     |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | DM19  | 39001-193-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM06<br>Char. F in 500 volts, all cap. values<br>and tols., O operating temp. range,<br>vibration grade 3.                     | DM19  | 5-419-82                              | /18                         | Distributed by:<br>SUSCO Electronics, Inc.        |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | CM07  | 5-832-75                              | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM07<br>Char. C, E, F in 500 volts, all cap.<br>values and tols., O and P operating temp.<br>ranges, vibration grade 3.        | CD30/D30  | 5-308-90                              | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | D30   | 39001-271-71                          | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM07<br>Char. C, E, F in 500 volts, all cap.<br>values and tols., O and P operating temp.<br>ranges, vibration grade 3.        | CD30/D30  | 5-308-90                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., P operating temp. range,<br>vibration grade 3.                     | KD  | 5-605-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | CM07  | 5-832-75                              | /18                         | Distributed by:<br>MPI/Capar                      |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.              | DM30  | 39001-194-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM07<br>Char. F in 500 volts, all cap. values<br>and tols., O operating temp. range,<br>vibration grade 3.                     | DM30  | 5-411-82                              | /18                         | Distributed by:<br>SUSCO Electronics, Inc.        |
| CM08<br>Char. F in 100, 300 and 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3. | CM08  | 5-61-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM08<br>Char. F in 300 and 500 volts, all cap.<br>values and tols., O and P operating<br>temp. ranges, vibration grade 3.      | D42   | 5-433-64                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM08<br>Char. F in 100, 300 and 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3. | CM08  | 5-61-75                               | /18                         | Distributed by:<br>MPI/Capar                      |

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| CM09<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CM09  | 5-57-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM09<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., P oper-<br>ating temp. range, vibration grade 3.      | KD  | 5-602-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM09<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | CM09  | 5-57-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM09<br>Chars. C, E, and F in 100, 300 and 500<br>volts, all cap. values and tols., O and P<br>operating temp. ranges, vibration grade 3. | DM10CR  | 39001-789-83                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM10<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CM10  | 5-58-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM10<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., P operating<br>temp. range, vibration grade 3.                     | KD  | 5-603-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM10<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | CM10  | 5-58-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM10<br>Chars. C, E, and F in 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.              | DM15  | 39001-192-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | CM11  | 5-59-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | CD19  | 5-411-89                              | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | D19C  | 5-431-64                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.                         | CD19/D19  | 5-411-89                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., P operating temp. range,<br>vibration grade 3.                                | KD  | 5-604-83                              | /18                         | Kahgan Electronics Corp.                          |

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| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>range, vibration grade 3.                | CM11  | 5-59-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM11<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.               | DM19  | 39001-193-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM12<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.               | CM12  | 5-832-75                              | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM12<br>Char. C, E, and F in 500 volts, all cap.<br>values and tols., O and P operating temp.<br>ranges, vibration grade 3.     | CD30/D30  | 5-308-90                              | /18                         | Cornell-Dubilier<br>Electronics                   |
| CM12<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.               | D30C  | 39001-271-71                          | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM12<br>Char. C, E, and F in 500 volts, all cap.<br>values and tols., O and P operating temp.<br>ranges, vibration grade 3.     | CD30/D30  | 5-308-90                              | /18                         | Cornell-Dubilier<br>Marketing (2)                 |
| CM12<br>Char. F in 500 volts, all cap. values<br>and tols., P operating temp. range,<br>vibration grade 3.                      | KD  | 5-605-83                              | /18                         | Kahgan Electronics Corp.                          |
| CM12<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.               | CM12  | 5-832-75                              | /18                         | Distributed by:<br>MPI/Capar                      |
| CM12<br>Char. F in 500 volts, all cap. values<br>and tols., O and P operating temp.<br>ranges, vibration grade 3.               | DM30  | 39001-194-82                          | /18                         | Silvered Electronic Mica<br>Company, Inc. (SEMCO) |
| CM13<br>Char. F in 100, 300 and 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3.  | CM13  | 5-61-75                               | /18                         | Distributed by:<br>ARCO Electronics, Inc.         |
| CM13<br>Char. F in 300 and 500 volts, all cap.<br>values and tols., O and P operating<br>temp. ranges, vibration grade 3.       | D42   | 5-433-64                              | /18                         | Cornell-Dubilier<br>Marketing (1)                 |
| CM13<br>Char. F in 100, 300, and 500 volts, all<br>cap. values and tols., O and P operating<br>temp. ranges, vibration grade 3. | CM13  | 5-61-75                               | /18                         | Distributed by:<br>MPI/Capar                      |
| CM15<br>All chars. in 500 volts, all cap. values<br>and tols., N, O, and P operating temp.<br>ranges, vibration grade 3.        | RR  | 5-1425-64                             | /1                          | Cornell-Dubilier<br>Marketing (1)                 |

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| CM20<br>Chars. C and E in 300 and 500 volts, all<br>cap. values and tols., N, O, and P<br>operating temp. ranges, vibration grade 3. | KR  | 5-1209-81                             | /2                          | Cornell-Dubilier<br>Marketing (1)             |
| CM30<br>Char. C in 500 volts, all cap. values<br>and tols., N, O, and P operating temp.<br>ranges, vibration grade 3.                | CR  | 5-1209-81                             | /4                          | Cornell-Dubilier<br>Marketing (1)             |
| CM35<br>Char. C in 300 and 500 volts, all cap.<br>values and tols., N, O, and P operating<br>temp. ranges, vibration grade 3.        | CRK   | 5-1209-81                             | /5                          | Cornell-Dubilier<br>Marketing (1)             |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT   | CAGE<br>CODE |
|---|--------------|
| Distributed by:<br>ARCO Electronics, Inc.<br>9822 Independence Avenue<br>Chatsworth, CA 91311<br>Manufactured by:<br>Soshin Electric Company, Ltd.<br>No. 1-18-18<br>Nakamagome, 1 Chome OTA-KU<br>Tokyo, Japan | 02799        |
| Cornell-Dubilier Electronics, Inc.<br>1605 East Rodney French Boulevard<br>New Bedford, MA 02744<br>Plant: Same Address   | 93790        |
| Cornell-Dubilier Marketing, Inc.<br>Route 3, Sangamo Road<br>Pickens, SC 29671<br>Plants: 1. Same Address<br>2. Boulevard Benito Juarez<br>Mexicali, Mexico   | 00853        |
| Kahgan Electronics Corporation<br>556 Peninsula Boulevard<br>P.O. Box 459<br>Hempstead, NY 11550<br>Plant: Shin Nittoko Denki Co., Ltd.<br>Shin Keihin, Bldg. 1<br>1-5 Minami Senzoku OTA-KU<br>Tokyo, Japan    | 57582        |
| Distributed by:<br>MPI/Capar<br>218 Little Falls Road<br>Cedar Grove, NJ 07009<br>Manufactured by:<br>Soshin Electric Co., Ltd.<br>No. 1-18-18<br>Nakamagome, 1 Chome OTA-KU<br>Tokyo, Japan                    | 62462        |
| Silvered Electronic Mica Company, Inc. (SEMCO)<br>107 Boston Post Road, Route 66<br>Willimantic, CT 06226<br>Plant: Same Address  | 61306        |
| Distributed by:<br>SUSCO Electronics, Inc.<br>70-D Carolyn Boulevard<br>Farmingdale, NY 11735<br>Manufactured by:<br>SAHA Electronics<br>A-20, SDF, Bldg. SEEPZ<br>Andheri (East) Bombay 40096, India           |              |