

QUALIFICATIONS VALIDATED
SEMIANNUALLY

QPL-5-85
28 July 1987
~~SUPERSEDING~~
QPL-5-84
23 April 1987

QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION
MIL-C-5
CAPACITORS, 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 QUALIFIED PRODUCTS LIST IS THE 2750 AIR BASE WING, ELECTRONIC SUPPORT (ES) DIVISION, GENTILE AIR FORCE STATION, OHIO 45444-4500. The Defense Electronics Supply Center (DESC-EQ) has been designated as agent for the establishment and maintenance of this QPL.

NOTE: When the military specification requires qualification and there are no products listed or approved for listing on the QPL or when suppliers of those products on the QPL are nonresponsive to an IFB, the qualification requirement of paragraph 3.2 of MIL-C-5 may be waived for procurement of Capacitors, Fixed, Mica-Dielectric, only by the Preparing Activity. When qualification is waived, procuring activities shall invoke first article inspection. First article inspection shall consist of performing all qualification tests. The sample size and allowable defects shall be in accordance with the military specification and MIL-C-5 qualification sampling and acceptance criteria. A copy of the test data shall be forwarded to the qualifying activity.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temperature ranges, vibration grade 3.	CM04	5-57-75	/18	Distributed by: ARCO Electronics, Inc.
CM04 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM04	5-57-75	/18	Distributed by: Capar Components Corp.
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CD10	5-1318-69	/10	Cornell-Dubilier Electronics (1)

AMSC N/A

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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CD10	5-1320-69	/18	Cornell-Dubilier Electronics (2)
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-602-83	/18	Kahgan Electronics Corp.
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM10	5-621-85	/18	Distributed by: Kahgan Electronics Corp. Manufactured by: Simic Electronics
CM04 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D10	5-266-70	/18	Sangamo Capacitor Division
CM04 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	DM10	39001-789-83	/18	Silvered Electronic Mica Company, Inc. (SEMCO)
CM04 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D10	5-266-70	/18	Distributed by: Sprague Products Co.
CM04 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM10	5-408-82	/18	Distributed by: SUSCO Electronics, Inc.
CM05 Chars. C, E, and F, in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM05	5-58-75	/18	Distributed by: ARCO Electronics, Inc.
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM05	5-58-75	/18	Distributed by: Capac Components Corp.
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CM05	5-822-64	/18	Cornell-Dubilier Electronics (1)

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CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CD15	5-21-69	/18	Cornell-Dubilier Electronics (2)
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-603-83	/18	Kahgan Electronics Corp.
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM15	5-622-85	/18	Distributed by: Kahgan Electronics Corp. Manufactured by: Simic Electronics
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D15	5-430-64	/18	Sangamo Capacitor Division
CM05 Chars. E, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	DM15	39001-192-82	/18	Silvered Electronic Mica Company, Inc. (SEMCU)
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D15	5-430-64	/18	Distributed by: Sprague Products Co.
CM05 Chars. C, E, and F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM15	5-409-82	/18	Distributed by: SUSCO Electronics, Inc.
CM06 Char. F, in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM06	5-59-75	/18	Distributed by: ARCO Electronics, Inc.
CM06 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM06	5-59-75	/18	Distributed by: Capar Components Corp.
CM06 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CM06	5-823-64	/18	Cornell-Dubilier Electronics (1)
CM06 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CD19	5-1196-69	/18	Cornell-Dubilier Electronics (2)

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CM06 Char. F, in 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-604-83	/18	Kahgan Electronics Corp.
CM06 Char. F, in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM19	5-623-85	/18	Distributed by: Kahgan Electronics Corp. Manufactured by: Simic Electronics
CM06 Char. F, in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D19	5-431-64	/18	Sangamo Capacitor Division
CM06 Char. F, in 500 volts, all cap. values and tols., U and P operating temp. ranges, vibration grade 3.	DM19	39001-193-82	/18	Silvered Electronic Mica Company, Inc. (SEMCO)
CM06 Char. F, in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D19	5-431-64	/18	Distributed by: Sprague Products Co.
CM06 Char. F, in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM19	5-419-82	/18	Distributed by: SUSCO Electronics, Inc.
CM07 Char. F, in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM07	5-832-75	/18	Distributed by: ARCO Electronics, Inc.
CM07 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM07	5-832-75	/18	Distributed by: Capar Components Corp.
CM07 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	CM07	5-824-64	/18	Cornell-Dubilier Electronics (1)
CM07 Char. F in 500 volts, all cap values and tols., P operating temp. range, vibration grade 3.	KD	5-605-83	/18	Kahgan Electronics Corp.
CM07 Char. F, in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM30	5-624-85	/18	Distributed by: Kahgan Electronics Corp. Manufactured by: Simic Electronics

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CM07 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	D30	5-273-64	/18	Sangamo Capacitor Division
CM07 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	DM30	39001-194-82	/18	Silvered Electronic Mica Company, Inc. (SEMCO)
CM07 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM30	5-411-82	/18	Distributed by: SUSCO Electronics, Inc.
CM08 Char. F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM08	5-61-75	/18	Distributed by: ARCO Electronics, Inc.
CM08 Char. F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM08	5-61-75	/18	Distributed by: Capar Components Corp.
CM08 Char. F in 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D42	5-433-64	/18	Sangamo Capacitor Division
CM09 Chars. C, E, and F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM09	5-57-75	/18	Distributed by: ARCO Electronics, Inc.
CM09 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM09	5-57-75	/18	Distributed by: Capar Components Corp.
CM09 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-602-83	/18	Kahgan Electronics Corp.
CM09 Chars. C, E, and F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	DM10CR	39001-789-83	/18	Silvered Electronic Mica Company, Inc. (SEMCO)

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CM10 Chars. C, E, and F in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	CM10	5-58-75	/18	Distributed by: ARCO Electronics, Inc.
CM10 Chars. C, E, and F in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	CM10	5-58-75	/18	Distributed by: Capar Components Corp.
CM10 Chars., C, E, and F in 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-603-83	/18	Kahgan Electronics Corp.
CM10 Chars. C, E, and F, in 500 volts, all cap. values and tols., U and P operating temp. ranges, vibration grade 3.	D15C	5-430-64	/18	Sangamo Capacitor Division
CM10 Chars. C, E, and F, in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	DM15	39001-192-82	/18	Silvered Electronic Mica Company, Inc. (SEMCO)
CM11 Char. F in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	CM11	5-59-75	/18	Distributed by: ARCO Electronics, Inc.
CM11 Char. F, in 500 volts, all cap. values and tols., O and P operating temp. range, vibration grade 3.	CM11	5-59-75	/18	Distributed by: Capar Components Corp.
CM11 Char. F in 500 volts, all cap. values and tols., O operating temp. range, vibration grade 3.	CM11	5-823-64	/18	Cornell-Dubilier Electronics (1)
CM11 Char. F, in 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-604-83	/18	Kahgan Electronics Corp.
CM11 Char. F in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	D19C	5-431-64	/18	Sangamo Capacitor Division
CM11 Char. F, in 500 volts, all cap. values and tols., O and P operating temp. ranges, vibration grade 3.	DM19	39001-193-82	/18	Silvered Electronic Mica Company, Inc. (SEMCO)

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CM12 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM12	5-832-75	/18	Distributed by: ARCO Electronics, Inc.
CM12 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM12	5-832-75	/18	Distributed by: Capar Components Corp.
CM12 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	DM12	5-824-64	/18	Cornell-Dubilier Electronics (1)
CM12 Char. F in 500 volts, all cap. values and tols., P operating temp. range, vibration grade 3.	KD	5-605-83	/18	Kahgan Electronics Corp.
CM12 Char. F in 500 volts, all cap. values and tols., 0 operating temp. range, vibration grade 3.	D30C	5-273-64	/18	Sangamo Capacitor Division
CM12 Char. F in 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	DM30	39001-194-82	/18	Silvered Electronic Mica Company, Inc. (SEMCO)
CM13 Char. F in 100, 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM13	5-61-75	/18	Distributed by: ARCO Electronics, Inc.
CM13 Char. F in 100, 300, and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	CM13	5-61-75	/18	Distributed by: Capar Components Corp.
CM13 Char. F in 300 and 500 volts, all cap. values and tols., 0 and P operating temp. ranges, vibration grade 3.	D42	5-433-64	/18	Sangamo Capacitor Division
CM15 All chars. in 500 volts, all cap. values and tols., N, 0, and P operating temp. ranges, vibration grade 3.	RR	5-1425-64	/1	Sangamo Capacitor Division

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CM20 Chars. C, E, and F in 300 and 500 volts, all cap. values and tols., N, O, and P operating temp. ranges, vibration grade 3.	KR	5-1209-81	/2	Sangamo Capacitor Division
CM30 Chars. C, E, and F in 500 volts, all cap. values and tols., N, O, and P operating temp. ranges, vibration grade 3.	CR	5-1209-81	/4	Sangamo Capacitor Division
CM35 Chars. C, E, and F in 300 and 500 volts, all cap. values and tols., N, O, and P operating temp. ranges, vibration grade 3.	CRK	5-1209-81	/5	Sangamo Capacitor Division
CM45 Char. B in 2,500 volts all cap. values and tols., N, O, and P operating temp. ranges, vibration grade 3.	HT	5-492-65	/7	Sangamo Capacitor Division
CM50 Char. B in 600, 1,200 and 2,500 volts, N and O operating temp. ranges, vibration grade 3.	HK	5-280-64	/8	Sangamo Capacitor Division
CM55 Chars. B, C, D, and E in 600, 1,200 and 2,500 volts, all cap. values and tols., N and O operating temp. ranges, vibration grade 3.	AT	5-3186-64	/9	Sangamo Capacitor Division
CM60 Chars. B, C, D, E, and F in 600, 1,200 and 2,500 volts, all cap. values and tols., N and O operating temp. ranges, vibration grade 3.	AK	5-282-64	/10	Sangamo Capacitor Division

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CM65 Chars. B, C, D, E, and F in 250 thru 3,000 volts., all cap. values and tols., M operating temp. range, vibration grade 1.	F1	5-2-58	/11	Sangamo Capacitor Division
CM66 Chars. D and E in 250 thru 3,000 volts, all cap. values and tols., O operating temp. range, vibration grade 1.	271	5-188-73	/11	Sangamo Capacitor Division
CM68 Chars. D and E in 250 thru 3,000 volts, all cap. values and tols., O operating temp. range, vibration grade 1.	271	5-188-73	/11	Sangamo Capacitor Division
CM70 Chars. B, D, E, and F in 500 thru 5,000 volts, all cap. values and tols., M operating temp. range, vibration grade 1.	F2	5-12-58	/12	Sangamo Capacitor Division
CM71 Chars. D and E in 500 thru 5,000 volts, all cap. values and tols., O operating temp. range, vibration grade 1.	272	5-189-73	/12	Sangamo Capacitor Division
CM73 Chars. D and E in 500 thru 5,000 volts, all cap. values and tols., O operating temp. range, vibration grade 1.	272	5-189-73	/12	Sangamo Capacitor Division
CM76 Chars. D and E, in 1,000 thru 6,000 volts, all cap. values, J tol., O operating temp. range, vibration grade 1.	291	5-190-73	/13	Sangamo Capacitor Division
CM78 Chars. D and E in 1,000 thru 6,000 volts, all cap. values, J tol., O operating temp. range, vibration grade 1.	291	5-190-73	/13	Sangamo Capacitor Division

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CM81 Chars. D and E in 1,500 thru 10,000 volts, all cap. values, J tol., 0 operating temp. range, vibration grade 1.	292	5-190-73	/14	Sangamo Capacitor Division
CM83 Chars. D and E in 1,500 thru 10,000 volts, all cap. values, J tol., 0 operating temp. range, vibration grade 1.	292	5-190-73	/14	Sangamo Capacitor Division
CM86 Chars. D and E in 2,000 thru 20,000 volts, all cap. values, J tol., 0 operating temp. range, vibration grade 1.	293	5-190-73	/15	Sangamo Capacitor Division (1)
CM88 Chars. D and E in 2,000 thru 20,000 volts, all cap. values, J tol., 0 operating temp. range, vibration grade 1.	293	5-190-73	/15	Sangamo Capacitor Division
CM91 Chars. D and E in 3,000 thru 30,000 volts, all cap. values J tol., 0 operating temp. range, vibration grade 1.	294	5-191-73	/16	Sangamo Capacitor Division
CM93 Chars. D and E in 3,000 thru 30,000 volts, all cap. values, J tol., 0 operating temp. range, vibration grade 1.	294	5-191-73	/16	Sangamo Capacitor Division

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE	MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Distributed by: ARCO Electronics, Inc. 9822 Independence Avenue Chatsworth, CA 91311 Manufactured by: Soshin Electric Company, Ltd. No. 1-18-18 Nakamagome, 1 Chome OTA-KU, Tokyo, Japan	02799	Silvered Electronic Mica Company, Inc. (SEMCU) Route 6 N. Windham Road Willimantic, CT 06226 Plant: Same Address	61306
Distributed by: Capar Components Corp. 110 Marcus Drive Melville, NY 11747 Manufactured by: Soshin Electric Co., Ltd. No. 1-18-18 Nakamogome, 1 Chome OTA-KU, Tokyo, Japan	62462	Distributed by: Sprague Products Company North Adams, MA 02147 Manufactured By: Sangamo Capacitor Division Route 3, Sangamo Road Pickens, SC 29671	00853
Cornell-Dubilier Electronics Division of Federal Pacific Electric Company 1605 East Rodney French Boulevard New Bedford, MA 02744 Plants: 1. Same Address 2. Tadyuan, Taiwan Republic of China	93790	Distributed by: SUSCO Electronics, Inc. 70-D Carolyn Boulevard Farmingdale, NY 11735 Manufactured by: SAHA Electronics A-20, SDF Building SEEPZ Andheri (East) Bombay 40096 India	
Kahgan Electronics Corporation 556 Peninsula Boulevard P.O. Box 459 Hempstead, NY 11550 Plants: 1. Shin Nittoko Denki Company, Ltd. Shin Keihin Building 1, 1-5 Minami Senzoku OTA-KU Tokyo, Japan 2. Simic Electronics, PVT., Ltd. 488, SDF 11, SEEP Andhere (E) Bombay 400096 India	57582		
Sangamo Capacitor Division Division of Sangamo Weston, Inc. Route 3, Sangamo Road Pickens, SC 29671 Plant: Same Address	00853		