

**DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-11015**

Date: 1/24/2019

Specification Details:

Specification: MIL-C-11015
 Title: Capacitor, Fixed, Ceramic Dielectric (General Purpose)
 Federal Supply Class (FSC): 5910
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: No
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP
 Primary Qualifying Activity Contact: 614-692-2063, e-mail: vqp.ahc@dla.mil
 Secondary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@dla.mil

Notes:

Effective 31 March 1999, MIL-C-11015 has been declared "Inactive for New Design" with no superseding specification. This is applicable on all acquisitions to which MIL-C-11015 is applied.

PIN: The PIN consists of the Style, Temp/Volt limits, Capacitance, and Capacitance Tolerance.

Style: The style is identified by the two-letter symbol "CK" followed by a two-digit number; the letters identify general purpose, ceramic dielectric, fixed capacitors, and the number identifies the shape and dimensions of the capacitor.

Rated temperature and voltage-temperature limits: The rated temperature and voltage-temperature limits are identified by a two-letter symbol. The first letter indicates the rated temperature; the second letter indicates the voltage-temperature limits.

Capacitance: The nominal capacitance value, expressed in picofarads (pf), is identified by a three-digit number; the first two digits represent significant figures and the last digit specifies the number of zeros to follow. When fractional values of a pf are required, the letter "R" is used to indicate the decimal point and the succeeding digits of the group represent significant figures. Example: 2R2 indicates 2.2 pf.

Capacitance tolerance: The capacitance tolerance is identified by a single letter.

Contact the manufacturer or refer to the manufacturers website for a list of Authorized Distributors.

Part Configuration:

CK05 BX 100 K

Style	Rated temperature and voltage temperature limits	Capacitance Value	Capacitance Tolerance
CK05	BX	100	K

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CK05				
Cap. values 10 pF thru 100000 pF; tols. K, M; op. temp. BX; volts 50, 100, 200	MR05-CK05	11015-284-68	/18	AVX Ceramics Corp. (SC) AVX-Avio Excellente S de RL de CV
Cap. values 10 pF thru 100000 pF; tols. K, M; op. temp. BX; volts 50, 100, 200	C052K	11015-1272-71; 11015-196-68; 39014-4-71	/18	Kemet Electronics Corporation
CK06				
Cap. values 1200 pF thru 1000000 pF; tols. K, M; op. temp. BX; volts 20, 50, 100	MR06-CK06	11015-102-85; 11015-591-68; 11015-868-80; 39014-454-80	/19	AVX Ceramics Corp. (SC) AVX-Avio Excellente S de RL de CV
Cap. values 1200 pF thru 1000000 pF; tols. K, M; op. temp. BX; volts 50, 100, 200	C062K	11015-1273-71; 11015-196-68; 39014-5-71	/19	Kemet Electronics Corporation
CK12				
Cap. values 10 pF thru 10000 pF; tols. K, M; op. temp. BX; volts 50, 100	MA10-CK12	11015-565-68	/20	AVX Ceramics Corp. (SC)
Cap. values 10 pF thru 10000 pF; tols. K, M; op. temp. BX; volts 50, 100	C114K	11015-198-68; 11015-826-75	/20	Kemet Electronics Corporation

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CK13				
Cap. values 5600 pF thru 47000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	MA20-CK13	11015-565-68	/20	AVX Ceramics Corp. (SC)
Cap. values 5600 pF thru 47000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	C124K	11015-198-68; 11015-826-75	/20	Kemet Electronics Corporation
CK14				
Cap. values 12000 pF thru 270000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	MA40-CK14	11015-566-86	/20	AVX Ceramics Corp. (SC)
Cap. values 12000 pF thru 270000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	C192K	11015-199-68; 11015-826-75	/20	Kemet Electronics Corporation
CK15				
Cap. values 100000 pF thru 1000000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	MA50-CK15	11015-567-68	/20	AVX Ceramics Corp. (SC)
Cap. values 100000 pF thru 1000000 pF; tols. K, M; op. temp. BR, BX; volts 50, 100	C202K	11015-199-68	/20	Kemet Electronics Corporation
CK16				
Cap. values 470000 pF thru 3300000 pF; tols. K, M; op. temp. BR; volts 50, 100	MA60-CK16	11015-568-68	/20	AVX Ceramics Corp. (SC)
Cap. values 470000 pF thru 3300000 pF; tols. K, M; op. temp. BR; volts 50, 100	C222K	11015-201-68	/20	Kemet Electronics Corporation
CK22				
Cap. values 12 pF thru 680 pF; tols. K, M; op. temp. AX; volts 500	SI-1	11015-1043-64	/2	AVX Ceramics Corp. (SC)
Cap. values 12 pF thru 680 pF; tols. K, M; op. temp. AX; volts 500	331-052	11015-961-64	/2	Tusonix
CK27				
Cap. values 820 pF thru 1500 pF; tols. K, M; op. temp. AX; volts 500	332-052	11015-961-64	/4	Tusonix
CK60				
Cap. values 2.2 pF thru 1500 pF; tols. K, M; op. temp. AW, AX, BX; volts 500, 1000	831-040	11015-1145-80	/9	Tusonix
CK61				
Cap. values 220 pF thru 2200 pF; tols. K, M; op. temp. AW, BX; volts 500	801-040	11015-1146-80	/10	Tusonix
CK62				
Cap. values 22 pF thru 6800 pF; tols. K, M; op. temp. AW, AX, AY, BX; volts 500, 1500	811-040	11015-1147-80	/11	Tusonix
CK63				
Cap. values 2200 pF thru 10000 pF; tols. K, M; op. temp. AW, AY, BX; volts 500, 1000	841-040	11015-1148-80	/12	Tusonix
CK64				
Cap. values 510 pF thru 3900 pF; tols. M, ; op. temp. AW, , , ; volts 1600,	828-540	11015-1147-80	/21	Tusonix
CK65				
Cap. values 4700 pF thru 0 pF; tols. M; op. temp. AW; volts 1600	3848-540	11015-869-81	/21	Tusonix
CK66				
Cap. values 5600 pF thru 0 pF; tols. M; op. temp. AW; volts 1600	3878-540	11015-869-81	/21	Tusonix
CK67				
Cap. values 6800 pF thru 7500 pF; tols. M; op. temp. AW; volts 1600	3878-570	11015-869-81	/21	Tusonix

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CK70				
Cap. values 10 pF thru 1500 pF; tols. K, M; op. temp. AW, AX; volts 500, 1000	327-0	11015-147-64	/13	Tusonix
CK72				
Cap. values 100 pF thru 1000 pF; tols. M; op. temp. AX; volts 1500	2432-012	11015-822-65	/23	Tusonix
CK74				
Cap. values 10 pF thru 3300 pF; tols. M; op. temp. AW, BX; volts 500	2404-613	11015-283-74	/29	Tusonix
CK75				
Cap. values 10 pF thru 3300 pF; tols. M; op. temp. AW, BX; volts 500	2404-614	11015-283-74	/29	Tusonix
CK78				
Cap. values 10 pF thru 1800 pF; tols. M; op. temp. AW, BX; volts 300	2482-030	11015-283-74	/29	Tusonix
CK79				
Cap. values 10 pF thru 1800 pF; volts 300,	2482-029	11015-283-74	/29	Tusonix
CK99				
Cap. values 100 pF thru 5000 pF; tols. M; op. temp. BW; volts 100, 200, 500	SCI-9920	11015-090-96	/32	Spectrum Control, Inc.

PART II

The following products listed herein are reciprocal listings based on the NATO Standardization agreement (STANAG) 4093 or International Standardization Agreements.

These devices are listed in the QPL of the concerned nation and, according to the qualifying authority of that nation, the devices meet the requirements for such listing. The products were completely manufactured, assembled, and tested in the concerned nation in accordance with the requirements of that nation. No review has been made by our qualifying activity of the manufacturing or test facilities or test report. Furthermore, no determination of equivalency has been conducted.

NOTE: No devices listed are to be JAN branded or marked with the failure rate level but should be marked with the appropriate national part numbers and identifiers, as applicable.

NATIONAL PART NUMBER	NATIONAL DEVICE SPECIFICATION	TEST REPORT NUMBER	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
DLT/- Series	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
DLTM/ - Series	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
DLT/-/Ref 1	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
DLTM/-/Ref 1	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
dBZ/-/Ref 1	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
D/- Series	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.
dBZ/- Series	BS 9075 F0060, Issue 1, Oct 87, CECC 30701-024, Issue 1, May 83	0DC/017/BS, 20 Oct 87; 0DC/018/CECC, 28 Sep 1986	Oxley Developments Co., Ltd.

Manufacturer and Supplier Location Information

Manufacturer: AVX Corporation (CAGE Code: 6KUV2)

Location: One AVX Blvd, Fountain Inn, SC 29644-9039, US

Plants:

1. Plant: Same Address as Manufacturer
2. AVX-Avio Excelente S de RL de CV, Av. San Lorenzo No. 651, Area Rivereno C.P., 32310, Cd. Juarez, Chihuahua, MX

Manufacturer: Kemet Electronics Corporation (CAGE Code: 31433)

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

Manufacturer: Oxley Developments Company, Ltd. (CAGE Code: K0066)

Location: Priory Park, Ulverston, LA12 9QG, Cumbria, UK

Manufacturer: Spectrum Control, Inc. (CAGE Code: 0LSP2)

Location: 8031 Avonia Road, Fairview, PA 16415-2829, US

Manufacturer: Tusonix (CAGE Code: 59660)

Location: CTS Corporation - Electronic Components, 4800 Alameda Blvd. NE, Albuquerque, NM 87113, USA

Plants:

1. Tecnologia Mexicana, SA, CAGE: 59660, CTS Corporation - Electronic Components, Avenida Instituto Tecnologico 298, Nogales, Sonora, MX, Mexico