

DLA Weapons Support (Columbus) - VQ
Supplemental Information Sheet for Electronic QPL-20

Date: 12/11/2025

Specification Details:

Specification: MIL-PRF-20
 Title: Capacitor, Fixed, Ceramic Dielectric, Temperature Compensating
 Federal Supply Class (FSC): 5910
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: Yes
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: Yes
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE
 Primary Qualifying Activity Contact: 614-693-2499, e-mail: vqe.yw@dla.mil
 Secondary Qualifying Activity Contact: 614-693-0022, e-mail: vqe.zc@dla.mil

Notes:

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

Part Configuration:

ER: CCR75CH1R0CMV

Style	Characteristics	Capacitance Value	Capacitance Tolerance	Product Level Designator	Standoff Option
CCR75	CH	1R0	C	M	V

Non-ER: CC75 CH 1R0 C

Style	Characteristics	Capacitance Value	Capacitance Tolerance
CC75	CH	1R0	C

PART LISTINGS				
GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CC05 Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, H	C052G	20-1102-73; 20-488-88	/35	Kemet Electronics Corporation
CC05 Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, J	CC05	20-5332-19	/35	KYOCERA AVX Components Corporation
CCR05* Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, J; standoffs V; product level M, P, R, S	C052G, C056G	20-1102-73; 20-389-88	/35	Kemet Electronics Corporation
CCR05* Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, J; standoffs V; product level M, P, R, S	CCR05	20-395-88; 20-5332-19; 39014-28-96;	/35	KYOCERA AVX Components Corporation
CC06 Chars. CG; voltage 50, 100, 200; cap. values 360 pF thru 18000 pF; tols. F, G, J, K	C062G	20-1102-73; 20-489-88	/36	Kemet Electronics Corporation
CC06 Chars. CG; voltage 50, 100, 200; cap. values 360 pF thru 18000 pF; tols. F, G, J, K	CC06	20-5332-19; 20-553-86;	/36	KYOCERA AVX Components Corporation
CCR06* Chars. CG; voltage 50, 100, 200; cap. values 360 pF thru 18000 pF; tols. F, G, J, K; standoffs V; product level M, P, R, S	C062G, C066G	20-1102-73; 20-390-88	/36	Kemet Electronics Corporation

PART LISTINGS				
GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CCR06*				
Chars. CG; voltage 50, 100, 200; cap. values 360 pF thru 18000 pF; tols. F, G, J, K; standoffs V; product level M, P, R, S	CCR06	20-1089-80; 20-396-88; 20-5332-19	/36	KYOCERA AVX Components Corporation
CC07				
Chars. CG; voltage 50, 100, 200; cap. values 2200 pF thru 100000 pF; tols. F, G, J, K	C512G	20-1103-73	/37	Kemet Electronics Corporation
CC07				
Chars. CG; voltage 50, 100, 200; cap. values 2200 pF thru 100000 pF; tols. F, G, J, K	CC07	20-083-97; 20-141-74; 20-5332-19; 20-93-96	/37	KYOCERA AVX Components Corporation
CCR07*				
Chars. CG; voltage 50, 100, 200; cap. values 2200 pF thru 100000 pF; tols. F, G, J, K; product level M, P, R, S	C512G	20-1103-73	/37	Kemet Electronics Corporation
CCR07*				
Chars. CG; voltage 50, 100, 200; cap. values 2200 pF thru 100000 pF; tols. F, G, J, K; product level M, P, R, S	CCR07	20-141-74; 20-5332-19; 20-93-96	/37	KYOCERA AVX Components Corporation
CC08				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 68000 pF; tols. G, J, K	C522G	20-1103-73	/38	Kemet Electronics Corporation
CC08				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 68000 pF; tols. G, J, K	CC08	20-083-97; 20-142-74; 20-5332-19	/38	KYOCERA AVX Components Corporation
CCR08*				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 68000 pF; tols. G, J, K; product level M, P, R, S	C522G	20-1103-73	/38	Kemet Electronics Corporation
CCR08*				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 68000 pF; tols. G, J, K; product level M, P, R, S	CCR08	20-142-74; 20-5332-19	/38	KYOCERA AVX Components Corporation
CC09				
Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, J	CC09	20-5332-19; 20-733-85; 20-94-96	/35	KYOCERA AVX Components Corporation
CCR09*				
Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 3300 pF; tols. B, C, D, F, G, J; product level M, P, R, S	CCR09	20-5332-19; 20-94-96; 39014-733-85	/35	KYOCERA AVX Components Corporation
CC75				
Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 680 pF; tols. B, C, D, F, G, J	C114G	20-1104-73	/27	Kemet Electronics Corporation
CC75				
Chars. CH, CJ, CK, CX; voltage 200; cap. values 1 pF thru 9.1 pF; tols. C, D	CC75	20-143-74; 20-5332-19	/27	KYOCERA AVX Components Corporation
CC75				
Chars. CH; voltage 200; cap. values 10 pF thru 18 pF; tols. G, J	CC75	20-143-74; 20-5332-19	/27	KYOCERA AVX Components Corporation
CC75				
Chars. CG; voltage 50, 100, 200; cap. values 20 pF thru 680 pF; tols. F, G, J	CC75	20-143-74; 20-5332-19	/27	KYOCERA AVX Components Corporation
CCR75*				
Chars. CG, CH, CJ, CK, CX; voltage 50, 100, 200; cap. values 1 pF thru 680 pF; tols. B, C, D, F, G, J; product level M, P, R, S	C114G	20-1104-73	/27	Kemet Electronics Corporation
CCR75*				
Chars. CH, CJ, CK, CX; voltage 200; cap. values 1 pF thru 9.1 pF; tols. C, D; product level M, P, R, S	CCR75	20-143-74; 20-5332-19	/27	KYOCERA AVX Components Corporation

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CCR75*				
Chars. CH; voltage 200; cap. values 10 pF thru 18 pF; tols. G, J, ;product level M, P, R, S	CCR75	20-143-74	/27	KYOCERA AVX Components Corporation
CCR75*				
Chars. CG; voltage 50, 100, 200; cap. values 20 pF thru 680 pF; tols. F, G, J;product level M, P, R, S	CCR75	20-143-74	/27	KYOCERA AVX Components Corporation
CC76				
Chars. CG; voltage 50, 100, 200; cap. values 82 pF thru 1000 pF; tols. F, G, J	C124G	20-1104-73; 20- 491-88	/28	Kemet Electronics Corporation
CC76				
Chars. CG; voltage 50, 100, 200; cap. values 82 pF thru 1000 pF; tols. F, G, J	CC76	20-143-74; 20- 5332-19	/28	KYOCERA AVX Components Corporation
CCR76*				
Chars. CG; voltage 50, 100, 200; cap. values 82 pF thru 1000 pF; tols. F, G, J;product level M, P, R, S	C124G	20-1104-73	/28	Kemet Electronics Corporation
CCR76*				
Chars. CG; voltage 50, 100, 200; cap. values 82 pF thru 1000 pF; tols. F, G, J;product level M, P, R, S	CCR76	20-143-74; 20- 5332-19	/28	KYOCERA AVX Components Corporation
CC77				
Chars. CG; voltage 50, 100, 200; cap. values 150 pF thru 5600 pF; tols. F, G, J, K	C192G	20-1104-73; 20- 490-88	/29	Kemet Electronics Corporation
CC77				
Chars. CG; voltage 50, 100, 200; cap. values 150 pF thru 5600 pF; tols. F, G, J, K	CC77	20-143-74; 20- 5332-19	/29	KYOCERA AVX Components Corporation
CCR77*				
Chars. CG; voltage 50, 100, 200; cap. values 150 pF thru 5600 pF; tols. F, G, J, K;product level M, P, R, S	C192G	20-1104-73	/29	Kemet Electronics Corporation
CCR77*				
Chars. CG; voltage 50, 100, 200; cap. values 150 pF thru 5600 pF; tols. F, G, J, K;product level M, P, R, S	CCR77	20-143-74; 20- 5332-19	/29	KYOCERA AVX Components Corporation
CC78				
Chars. CG; voltage 50, 100, 200; cap. values 820 pF thru 27000 pF; tols. F, G, J, K	C202G	20-1105-73	/30	Kemet Electronics Corporation
CC78				
Chars. CG; voltage 50, 100, 200; cap. values 820 pF thru 27000 pF; tols. F, G, J, K	CC78	20-143-74; 20- 5332-19	/30	KYOCERA AVX Components Corporation
CCR78*				
Chars. CG; voltage 50, 100, 200; cap. values 820 pF thru 27000 pF; tols. F, G, J, K;product level M, P, R, S	C202G	20-1105-73	/30	Kemet Electronics Corporation
CCR78*				
Chars. CG; voltage 50, 100, 200; cap. values 820 pF thru 27000 pF; tols. F, G, J, K;product level M, P, R, S	CCR78	20-143-74; 20- 5332-19	/30	KYOCERA AVX Components Corporation
CC79				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 82000 pF; tols. F, G, J, K	C222G	20-1105-73	/31	Kemet Electronics Corporation
CC79				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 82000 pF; tols. F, G, J, K	CC79	20-144-74; 20- 5332-19	/31	KYOCERA AVX Components Corporation
CCR79*				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 82000 pF; tols. F, G, J, K;product level M, P, R, S	C222G	20-1105-73	/31	Kemet Electronics Corporation
CCR79*				
Chars. CG; voltage 50, 100, 200; cap. values 3900 pF thru 82000 pF; tols. F, G, J, K;product level M, P, R, S	CCR79	20-144-74; 20- 5332-19	/31	KYOCERA AVX Components Corporation

Manufacturer and Supplier Location Information

Manufacturer: Kemet Electronics Corporation (CAGE Code: 31433)

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

Plants:

1. Kemet de Mexico, S.A. de C.V., Avenida Eloy Cavazos 7908 Ote., Col. Rancho Viejo, Guadalupe, N.L., C.P. 61750, MX

Manufacturer: KYOCERA AVX Components Corporation (CAGE Code: 6KUV2)

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

Plants:

1. KYOCERA AVX Components Juarez S. de R.L. de C.V., CAGE: S9915, Avenida San Lorenzo 651, Parque Industrial Omega CP, 32410, Cd Juarez, Chihuahua, Mexico