

**DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-19978**

Date: 11/29/2018

Specification Details:

Specification: MIL-PRF-19978
 Title: Capacitor, Fixed, Plastic (or Paper-Plastic) Dielectric (Hermetically Sealed in Metal, Ceramic, or Glass Cases)
 Federal Supply Class (FSC): 5910
 Conventional: No
 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: 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: 614-692-0597, e-mail: vqp.jz@dla.mil

Notes:

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

Part Configuration:

CQR09A1MC152K1M (ER)

ER Style	Terminal	Circuit	Characteristic	Voltage	Capacitance	Cap Tolerance	Vibration Grade	Product Level Designator
CQR09	A	1	M	C	152	K	1	M

CQ09A1MC152K1 (NON-ER)

Style	Terminal	Circuit	Characteristic	Voltage	Capacitance	Cap Tolerance	Vibration Grade
CQ09	A	1	M	C	152	K	1

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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CQ05

Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; voltage 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	19978-332-64	/19	Exxelia Dearborn Inc.
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CQ08

Chars. K, M; cap. values .001 uF thru 10 uF; tols. F, G, J, K; terms. A; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	(K) 131P, (M) 127P, 227P, 228P, 327P	19978-14-63	/1	Exxelia Dearborn Inc.
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CQ09

Chars. K, M; cap. values .001 uF thru 10 uF; tols. F, G, J, K; terms. A; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	(K) 131P, (M) 127P, 227P, 228P, 327P	19978-14-63	/1	Exxelia Dearborn Inc.
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CQ10

Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; voltage 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	19978-332-64	/20	Exxelia Dearborn Inc.
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CQ11

Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; voltage 100, 200, 400, 600; vibration grade 3; circuits 1, 3	131P	19978-332-64	/21	Exxelia Dearborn Inc.
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CQ12

Chars. K, M; cap. values .001 uF thru 10 uF; tols. F, G, J, K; terms. A; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	(K) 131P, (M) 127P, 227P, 228P, 327P	19978-14-63	/1	Exxelia Dearborn Inc.
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PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CQ13				
Chars. K, M; cap. values .001 uF thru 10 uF; tols. F, G, J, K; terms. A; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	(K) 131P, (M) 127P, 227P, 228P, 327P	19978-14-63	/1	Exxelia Dearborn Inc.
CQ20				
Chars. K; cap. values 0 uF thru 1 uF; tols. J, K; terms. A, C; voltage 1000, 2000, 3000, 5000, 7500, 10000, 12500, 15000; vibration grade 1; circuits 1	250P	19978-617-73	/2	Exxelia Dearborn Inc.
Chars. K; cap. values 0 uF thru 1 uF; tols. J, K; terms. A, C; voltage 1000, 2000, 3000, 5000, 7500, 10000, 12500, 15000; vibration grade 1; circuits 1	205P	19978-15-63	/2	Exxelia Dearborn Inc.
CQ72				
Chars. E, F, G; cap. values .1 uF thru 15 uF; tols. K; terms. B, D, E, H; voltage 400, 600, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 7500, 10000, 12500; vibration grade 1; circuits 1	263P	19978-332-64	/3	Exxelia Dearborn Inc.
Chars. E, F, G; cap. values .1 uF thru 15 uF; tols. K; terms. B, D, E, H; voltage 400, 600, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 7500, 10000, 12500; vibration grade 3; circuits 1	263P	19978-332-63	/3	Exxelia Dearborn Inc.
CQR09				
Chars. K; cap. values .001 uF thru 1 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	14157-332-64	/9	Exxelia Dearborn Inc.
CQR12				
Chars. K; cap. values .001 uF thru 1 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	14157-332-64	/10	Exxelia Dearborn Inc.
CQR13				
Chars. K; cap. values .001 uF thru 1 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	14157-332-64	/11	Exxelia Dearborn Inc.
CQR19				
Chars. K; cap. values .004 uF thru 1 uF; tols. J, K; terms. A; life failure rates M, P, R; voltage 200, 300, 400, 600; vibration grade 3; circuits 1, 3	131P	19978-332-64	/12	Exxelia Dearborn Inc.
CQR29				
Chars. M; cap. values .001 uF thru 15 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	127P, 227P, 228P, 327P	14157-332-64	/13	Exxelia Dearborn Inc.
CQR32				
Chars. M; cap. values .001 uF thru 10 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	127P, 227P, 228P, 327P	14157-332-64	/14	Exxelia Dearborn Inc.
CQR33				
Chars. M; cap. values .001 uF thru 10 uF; tols. G, J, K; terms. A; life failure rates M, P, R; voltage 30, 50, 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	127P, 227P, 228P, 327P	14157-322-64	/15	Exxelia Dearborn Inc.
CQR39				
Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; life failure rates M, P, R; voltage 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	25-5-61	/16	Exxelia Dearborn Inc.

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CQR42				
Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; life failure rates M, P, R; voltage 100, 200, 400, 600, 1000; vibration grade 3; circuits 1, 3	131P	25-5-61	/17	Exxelia Dearborn Inc.
CQR43				
Chars. K; cap. values .001 uF thru 1 uF; tols. K; terms. A; life failure rates M, P, R; voltage 100, 200, 400, 600; vibration grade 3; circuits 1, 3	131P	25-5-61	/18	Exxelia Dearborn Inc.
CQR44				
Chars. V; cap. values .001 uF thru 1 uF; tols. J, K; terms. A; life failure rates M, P, R; voltage 50, 100, 200, 400, 600; vibration grade 3; circuits 1, 3	837P	19978-474-03	/22	Exxelia Dearborn Inc.

Manufacturer and Supplier Location Information

Manufacturer: Exxelia Dearborn Inc. (CAGE Code: 01884)

Location: 1221 N. Highway 17/92, Longwood, FL 32750-3739, US

Plants:

1. Plant: Same Address as Manufacturer