

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

**Date: 7/31/2018**

**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)
<b>CQ13</b>				
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.
<b>CQ20</b>				
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.
<b>CQ72</b>				
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.
<b>CQR09</b>				
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.
<b>CQR12</b>				
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.
<b>CQR13</b>				
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.
<b>CQR19</b>				
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.
<b>CQR29</b>				
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.
<b>CQR32</b>				
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.
<b>CQR33</b>				
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.

**PART LISTINGS**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>CQR39</b>				
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.
<b>CQR42</b>				
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.
<b>CQR43</b>				
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.
<b>CQR44</b>				
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.

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Dearborn Electronics, Inc. (CAGE Code: 01884)**

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

Plants:

1. Plant: Same Address as Manufacturer