

**DLA Land and Maritime - VQ  
Supplemental Information Sheet for Electronic QPL-49137**

Date: 4/1/2020

**Specification Details:**

Specification: MIL-PRF-49137  
 Title: Capacitor, Fixed, Electrolytic (Solid Tantalum), Tantalum, Molded, Conformal Coated and Metal Cased with Plastic End-Fill, Non-hermetically Sealed  
 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: Yes

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-0597, e-mail: vqp.jz@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@dla.mil

**Notes:**

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is DLA Land and Maritime-VQ, Columbus, OH 43218-3990.

**Part Configuration:**

CX01D225K

Style	Voltage	Capacitance	Capacitance Tolerance
CX01	D	225	K

**PART LISTINGS**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>CX01</b>				
Cap values 3.9 uF thru 12 uF; tols. K, M; volts 6; case sizes A	T323	49137-528-82	/1	Kemet Electronics Corp.
Cap values 2.7 uF thru 3.3 uF; tols. K, M; volts 10; case sizes A	T323	49137-528-82	/1	Kemet Electronics Corp.
Cap values 1.5 uF thru 2.2 uF; tols. K, K, M; volts 25; case sizes A	T323	49137-528-82	/1	Kemet Electronics Corp.
Cap values .47 uF thru 1.2 uF; tols. K, M; volts 35; case sizes A	T323	49137-528-82	/1	Kemet Electronics Corp.
Cap values .1 uF thru .39 uF; tols. K, M; volts 50; case sizes A	T323	49137-528-82	/1	Kemet Electronics Corp.
<b>CX02</b>				
Cap value 6.8 uF; tols. K, M; volts 6; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap values 47 uF thru 68 uF; tols. K, M; volts 6; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 150 uF; tols. K, M; volts 6; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 330 uF; tols. K, M; volts 6; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 4.7 uF; tols. K, M; volts 10; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 10; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 100 uF; tols. K, M; volts 10; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 220 uF; tols. K, M; volts 10; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 3.3 uF; tols. K, M; volts 15; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 15; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 68 uF; tols. K, M; volts 15; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 150 uF; tols. K, M; volts 15; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 2.2 uF; tols. K, M; volts 20; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 20; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 47 uF; tols. K, M; volts 20; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 100 uF; tols. K, M; volts 20; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 1.5 uF; tols. K, M; volts 25; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 25; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 25; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 68 uF; tols. K, M; volts 25; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 35; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.

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GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>CX02</b>				
Cap value 22 uF; tols. K, M; volts 35; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap values 33 uF thru 47 uF; tols. K, M; volts 35; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap values .1 uF thru 1 uF; tols. K, M; volts 50; case sizes A, E	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap values 1.5 uF thru 4.7 uF; tols. K, M; volts 50; case sizes B, F	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap values 6.8 uF thru 15 uF; tols. K, M; volts 50; case sizes C	T363	49137-1011-79	/2	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 50; case sizes D	T363	49137-1011-79	/2	Kemet Electronics Corp.
<b>CX05</b>				
Cap value 4.7 uF; tols. K, M; volts 6; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 6; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 6; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 47 uF; tols. K, M; volts 6; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 3.3 uF; tols. K, M; volts 10; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 10; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 10; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 27 uF thru 47 uF; tols. K, M; volts 10; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 2.2 uF; tols. K, M; volts 15; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 15; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 15; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 22 uF thru 33 uF; tols. K, M; volts 15; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 1.5 uF; tols. K, M; volts 20; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 4.7 uF; tols. K, M; volts 20; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 12 uF thru 15 uF; tols. K, M; volts 20; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 1 uF; tols. K, M; volts 25; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 2.2 uF thru 3.3 uF; tols. K, M; volts 25; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 6.8 uF thru 10 uF; tols. K, M; volts 25; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values .33 uF thru .47 uF; tols. K, M; volts 35; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap value 1.5 uF; tols. K, M; volts 35; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 3.3 uF thru 4.7 uF; tols. K, M; volts 35; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 6.8 uF thru 10 uF; tols. K, M; volts 35; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values .1 uF thru .22 uF; tols. K, M; volts 50; case sizes A	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values .33 uF thru 1 uF; tols. K, M; volts 50; case sizes B	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 1.5 uF thru 2.2 uF; tols. K, M; volts 50; case sizes C	T323	49137-1013-79	/5	Kemet Electronics Corp.
Cap values 3.3 uF thru 4.7 uF; tols. K, M; volts 50; case sizes D	T323	49137-1013-79	/5	Kemet Electronics Corp.
<b>CX06</b>				
Cap value 220 uF; tols. K, M; volts 3; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 47 uF; tols. K, M; volts 4; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 68 uF; tols. K, M; volts 4; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 6; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 47 uF; tols. K, M; volts 6; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 150 uF; tols. K, M; volts 6; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 10; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 10; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 100 uF; tols. K, M; volts 10; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 15; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 15; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 68 uF; tols. K, M; volts 15; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 20; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 20; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 47 uF; tols. K, M; volts 20; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 25; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 25; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 25; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap values 2.2 uF thru 4.7 uF; tols. K, M; volts 35; case sizes E	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 35; case sizes F	T378	49137-462-82	/6	Kemet Electronics Corp.
Cap values 10 uF thru 22 uF; tols. K, M; volts 35; case sizes G	T378	49137-462-82	/6	Kemet Electronics Corp.

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GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>CX06</b>				
Cap value 22 uF; tols. K, M; volts 3; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 4; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 6; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 10; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap values 3.3 uF thru 4.7 uF; tols. K, M; volts 20; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap value 2.2 uF; tols. K, M; volts 25; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
Cap values .68 uF thru 1.5 uF; tols. K, M; volts 35; case sizes D	T378	49137-1604-06	/6	Kemet Electronics Corp.
<b>CX12</b>				
Cap value 6.8 uF; tols. K, M; volts 6; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap values 47 uF thru 68 uF; tols. K, M; volts 6; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 4.7 uF; tols. K, M; volts 10; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 33 uF; tols. K, M; volts 10; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 3.3 uF; tols. K, M; volts 15; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 22 uF; tols. K, M; volts 15; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 2.2 uF; tols. K, M; volts 20; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 15 uF; tols. K, M; volts 20; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 1.5 uF; tols. K, M; volts 25; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 10 uF; tols. K, M; volts 25; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap value 6.8 uF; tols. K, M; volts 35; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap values .1 uF thru 1 uF; tols. K, M; volts 50; case sizes A, E	T369	49137-1012-79	/2	Kemet Electronics Corp.
Cap values 1.5 uF thru 4.7 uF; tols. K, M; volts 50; case sizes B, F	T369	49137-1012-79	/2	Kemet Electronics Corp.

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**Manufacturer and Supplier Location Information**

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**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., Ave. Carlos Salazar y Blv. Manuel Cavazos Lerma No. 15, H. Matamoros, C.P. 87380, MX