

Specification Details:

Date: 4/28/2008

Specification: MIL-PRF-39003

Title: Capacitor, Fixed, Electrolytic (Solid Electrolyte), Tantalum

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: Yes

Specification contains space level reliability requirements: Yes

Specification allows test optimization: Yes

Contact Information:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP

Primary DSCC-VQ Contact: 614-692-0597, e-mail: vqp.jz@dla.mil

Secondary DSCC-VQ Contact: 614-692-0666, e-mail: vqp.mp@dla.mil

Notes:

An asterisk (*) adjacent to the product listing indicates that qualified parts in this listing are available through distributors authorized by the manufacturer in accordance with Military Standard MIL-STD-790. Names and addresses of the distributors are listed in the back of this QPL. These lists are being furnished merely as an aid in identifying authorized sources of ER parts and the responsibility for complying with contractual provisions requiring use of such parts rests with the user of such parts. Such lists have been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL for printing. Inclusion on, or omission from, the list of a particular distributor cannot be relied upon as a guarantee of such distributor's status since the information upon which the list is based may not have been complete and since authorized distributors are subject to change by the manufacturer at any time. Inclusion of a firm or such list is not, under any circumstance, to be considered an endorsement of such firm or its products by the Department of Defense.

Part Configuration:**M39003/01-2065A**

Style	Slash Sheet	Dash Number	Surge Current Option Letter
M39003	/01	-2065	A

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CSR09*				
M39003/02-0001 thru -0002	(M level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0007 thru -0051	(M level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0061 thru -0062	(P level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0067 thru -0111	(P level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0121 thru -0122	(R level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0127 thru -0171	(R level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0181 thru -0182	(S level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-0187 thru -0231	(S level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1001 thru -1002	(M level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1007 thru -1051	(M level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1061 thru -1062	(P level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1067 thru -1111	(P level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1121 thru -1122	(R level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1127 thru -1171	(R level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1181 thru -1182	(S level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-1187 thru -1231	(S level) T-222	SEPSE-TM-67-1	/2	Kemet Electronics Corp.
M39003/02-2001 thru -2094	(B level) T-222	39003-759-84 thru 39003-762-84 39003-1524-86	/2	Kemet Electronics Corp.
M39003/02-3001 thru -3094	(C level) T-222	39003-759-84 thru 39003-762-84 39003-1524-86	/2	Kemet Electronics Corp.
M39003/02-4001 thru -4094	(D level) T-222	39003-759-84 thru 39003-762-84 39003-1524-86	/2	Kemet Electronics Corp.

CSR13*

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CSR13*					
M39003/01-2241 thru -2473	(M level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-2481 thru -2713	(P level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-2721 thru -2953	(R level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-2961 thru -3193	(S level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-5001 thru -5168	(M level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-5201 thru -5368	(P level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-5401 thru -5568	(R level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-5601 thru -5768	(S level)	T-212	39003-76-75	/1	Kemet Electronics Corp.
M39003/01-6001 thru -6401	(B level)	T-212	39003-749-84 thru 39003-758-84 39003-1523-86	/1	Kemet Electronics Corp.
M39003/01-7001 thru -7388	(C level)	T-212	39003-749-84 thru 39003-758-84 39003-1523-86	/1	Kemet Electronics Corp.
M39003/01-8001 thru -8303	(D level)	T-212	39003-749-84 thru 39003-758-84 39003-1523-86	/1	Kemet Electronics Corp.
M39003/01-2241 thru -2473	(M level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-2481 thru -2713	(P level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-2721 thru -2953	(R level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-2961 thru -3193	(S level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-5001 thru -5168	(M level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-5201 thru -5368	(P level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-5401 thru -5555	(R level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-5601 thru -5755	(S level)	176D/376D	39003-972-74	/1	Vishay Israel, Ltd.
M39003/01-6001 thru -6401	(B level)	176D/376D	39003-45-02 39003-1033-86 thru 39003-1048-86	/1	Vishay Israel, Ltd.
M39003/01-6001 thru -6263	(B level)	176D/376D	39003-1033-86 thru 39003-1048-86 39003-45-02	/1	Vishay Israel, Ltd.
M39003/01-7001 thru -7388	(C level)	176D/376D	39003-1033-86 thru 39003-1048-86 39003-45-02	/1	Vishay Israel, Ltd.
M39003/01-8001 thru -8388	(D level)	176D/376D	39003-1033-86 thru 39003-1048-86 39003-45-02	/1	Vishay Israel, Ltd.
M39003/01-2241 thru -2473	(M level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-2481 thru -2713	(P level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-2721 thru -2953	(R level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-2961 thru -3193	(S level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-5001 thru -5168	(M level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-5201 thru -5368	(P level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-5401 thru -5568	(R level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-5601 thru -5768	(S level)	176D/376D	39003-972-74	/1	Vishay Sprague, Inc.
M39003/01-6001 thru -6401	(B level)	176D/376D	39003-1033-86 thru 39003-1048-86	/1	Vishay Sprague, Inc.
M39003/01-7001 thru -7401	(C level)	176D/376D	39003-1033-86 thru 39003-1048-86	/1	Vishay Sprague, Inc.
M39003/01-8001 thru -8235	(D level)	176D/376D	39003-1033-86 thru 39003-1048-86	/1	Vishay Sprague, Inc.
M39003/01-8236 thru -8401	(D level)	376D	39003-164-90	/1	Vishay Sprague, Inc.
CSR21*					
M39003/09-0001 thru -0085	(M level)	T-262	39003-1259-81	/9	Kemet Electronics Corp.
M39003/09-0101 thru -0185	(P level)	T-262	39003-1259-81	/9	Kemet Electronics Corp.
M39003/09-0201 thru -0285	(R level)	T-262	39003-1259-81	/9	Kemet Electronics Corp.
M39003/09-0301 thru -0385	(S level)	T-262	39003-1259-81	/9	Kemet Electronics Corp.
M39003/09-2001 thru -2085	(B level)	T-262	39003-769-84 thru 39003-772-84	/9	Kemet Electronics Corp.
M39003/09-3001 thru -3085	(C level)	T-262	39003-769-84 thru 39003-772-84	/9	Kemet Electronics Corp.
M39003/09-4001 thru -4085	(D level)	T-262	39003-769-84 thru 39003-772-84	/9	Kemet Electronics Corp.
M39003/09-0001 thru -0085	(M level)	576D	39003-597-92 39003-47-02	/9	Vishay Israel, Ltd.
M39003/09-0101 thru -0187	(P level)	576D	39003-597-92 39003-47-02	/9	Vishay Israel, Ltd.
M39003/09-0201 thru -0287	(R level)	576D	39003-597-92 39003-47-02	/9	Vishay Israel, Ltd.

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CSR21*					
M39003/09-0301 thru -0385	(S level)	576D	39003-47-02 39003-597-92	/9	Vishay Israel, Ltd.
M39003/09-2001 thru -2085	(B level)	576D	39003-1656-85 thru 39003-1659-85 39003-47-02	/9	Vishay Israel, Ltd.
M39003/09-3001 thru -3085	(C level)	576D	39003-1656-85 thru 39003-1659-85 39003-47-02	/9	Vishay Israel, Ltd.
M39003/09-4001 thru -4085	(D level)	576D	39003-47-02 39003-1656-85 thru 39003-1659-85	/9	Vishay Israel, Ltd.
M39003/09-0001 thru -0085	(M level)	576D	39003-597-82	/9	Vishay Sprague, Inc.
M39003/09-0101 thru -0185	(P level)	576D	39003-597-82	/9	Vishay Sprague, Inc.
M39003/09-2001 thru -2085	(B level)	576D	39003-1656-85 thru 39003-1659-85	/9	Vishay Sprague, Inc.
M39003/09-3001 thru -3085	(C level)	576D	39003-1656-85 thru 39003-1659-85	/9	Vishay Sprague, Inc.
M39003/09-4001 thru -4055	(D level)	576D	39003-1656-85 thru 39003-1659-85	/9	Vishay Sprague, Inc.
M39003/09-4056 thru -4065	(D level)	576D	39003-165-90	/9	Vishay Sprague, Inc.
M39003/09-4066 thru -4085	(D level)	576D	39003-1656-85 thru 39003-1659-85	/9	Vishay Sprague, Inc.
M39003/09-4083 thru -4085	(D level)	576D	39003-165-90	/9	Vishay Sprague, Inc.
CSR23*					
M39003/03-0101 thru -0187	(M level)	T-242	39003-673-70	/3	Kemet Electronics Corp.
M39003/03-0201 thru -0287	(P level)	T-242	39003-673-70	/3	Kemet Electronics Corp.
M39003/03-0301 thru -0387	(R level)	T-242	39003-673-70	/3	Kemet Electronics Corp.
M39003/03-0401 thru -0487	(S level)	T-242	39003-673-70	/3	Kemet Electronics Corp.
M39003/03-2001 thru -2087	(B level)	T-242	39003-763-84 thru 39003-768-84	/3	Kemet Electronics Corp.
M39003/03-3001 thru -3087	(C level)	T-242	39003-763-84 thru 39003-768-84	/3	Kemet Electronics Corp.
M39003/03-4001 thru -4087	(D level)	T-242	39003-763-84 thru 39003-768-84	/3	Kemet Electronics Corp.
M39003/03-0101 thru -0187	(M level)	178D/378D	39003-547-70	/3	Vishay Israel, Ltd.
M39003/03-0201 thru -0287	(P level)	178D/378D	39003-547-70	/3	Vishay Israel, Ltd.
M39003/03-0301 thru -0387	(R level)	178D/378D	39003-547-70	/3	Vishay Israel, Ltd.
M39003/03-0401 thru -0487	(S level)	576D	39003-46-02 39003-547-70	/3	Vishay Israel, Ltd.
M39003/03-2001 thru -2087	(B level)	178D/378D	39003-814-87 thru 39003-819-87 39003-46-02	/3	Vishay Israel, Ltd.
M39003/03-3001 thru -3087	(C level)	178D/378D	39003-814-87 thru 39003-819-87 39003-46-02	/3	Vishay Israel, Ltd.
M39003/03-4001 thru -4087	(D level)	576D	39003-46-02 39003-814-87 thru 39003-819-87	/3	Vishay Israel, Ltd.
M39003/03-0101 thru -0187	(M level)	178D/378D	39003-547-70	/3	Vishay Sprague, Inc.
M39003/03-0201 thru -0287	(P level)	178D/378D	39003-547-70	/3	Vishay Sprague, Inc.
M39003/03-0301 thru -0387	(R level)	178D/378D	39003-547-70	/3	Vishay Sprague, Inc.
M39003/03-2001 thru -2087	(B level)	178D/378D	39003-814-87 thru 39003-819-87	/3	Vishay Sprague, Inc.
M39003/03-3001 thru -3087	(C level)	178D/378D	39003-814-87 thru 39003-819-87	/3	Vishay Sprague, Inc.
M39003/03-4001 thru -4087	(D level)	178D/378D	39003-814-87 thru 39003-819-87	/3	Vishay Sprague, Inc.
CSR33*					
M39003/06-0001 thru -0087	(M level)	T-252	39003-287-75	/6	Kemet Electronics Corp.
M39003/06-0101 thru -0187	(P level)	T-252	39003-287-75	/6	Kemet Electronics Corp.
M39003/06-0201 thru -0287	(R level)	T-252	39003-287-75	/6	Kemet Electronics Corp.
M39003/06-0301 thru -0387	(S level)	T-252	39003-287-75	/6	Kemet Electronics Corp.
M39003/06-2001 thru -2087	(B level)	T-252	39003-763-84 thru 39003-768-84	/6	Kemet Electronics Corp.
M39003/06-3001 thru -3084	(C level)	T-252	39003-763-84 thru 39003-768-84	/6	Kemet Electronics Corp.
M39003/06-4001 thru -4084	(D level)	T-252	39003-763-84 thru 39003-768-84	/6	Kemet Electronics Corp.
M39003/06-0001 thru -0087	(M level)	179D	39003-555-77	/6	Vishay Sprague, Inc.
M39003/06-0101 thru -0187	(P level)	179D	39003-555-77	/6	Vishay Sprague, Inc.
M39003/06-2001 thru -2087	(B level)	179D	39003-814-87 thru 39003-819-87	/6	Vishay Sprague, Inc.
M39003/06-3001 thru -3087	(C level)	179D	39003-814-87 thru 39003-819-87	/6	Vishay Sprague, Inc.
M39003/06-4001 thru -4087	(D level)	179D	39003-814-87 thru 39003-819-87	/6	Vishay Sprague, Inc.
CSR91*					

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CSR91*					
M39003/04-0221 thru -0370	(M level)	T-213	39003-263-66	/4	Kemet Electronics Corp.
M39003/04-0441 thru -0590	(P level)	T-213	39003-263-66	/4	Kemet Electronics Corp.
M39003/04-0661 thru -0810	(R level)	T-213	39003-263-66	/4	Kemet Electronics Corp.
M39003/04-0881 thru -1030	(S level)	T-213	39003-263-66	/4	Kemet Electronics Corp.
M39003/04-3001 thru -3218	(B level)	T-213	39003-1523-86 39003-749-84 thru 39003-758-84	/4	Kemet Electronics Corp.
M39003/04-4001 thru -4218	(C level)	T-213	39003-749-84 thru 39003-758-84 39003-1523-86	/4	Kemet Electronics Corp.
M39003/04-5001 thru -5167	(D level)	T-213	39003-749-84 thru 39003-758-84 39003-1523-86	/4	Kemet Electronics Corp.
CSS13*					
M39003/10-2001 thru -2121	(B level)	T-216	39003-117-86 39003-1807-07	/10	Kemet Electronics Corp.
M39003/10-3001 thru -3121	(C level)	T-216	39003-117-86 39003-1807-07	/10	Kemet Electronics Corp.
CSS33*					
M39003/10-2500 thru -2557	(B level)	T-256	39003-118-86 39003-1807-07	/10	Kemet Electronics Corp.
M39003/10-3500 thru -3557	(C level)	T-256	39003-118-86 39003-1807-07	/10	Kemet Electronics Corp.

Manufacturer and Supplier Location Information

Manufacturer: Kemet Electronics Corp. (CAGE Code: 31433)

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

Plant Location: Kemet de Mexico, S.A. de C.V., Ave. Carlos Salazar y Blv. Manuel Cavazos Lerma No. 15, H. Matamoros, C.P. 87380, Mexico

Distributor Locations:

Manufacturer: Vishay Israel, Ltd. (CAGE Code: SH905)

Location: Vishay Dimona, Dimona Industrial Zone, Dimona 86000, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Vishay Sprague, Inc. (CAGE Code: 2N936)

Location: P.O. Box 231, 678 Main Street, Sanford, ME 04073-0231, US

Plant Location: Same Address as Manufacturer

Category A

Distributor Locations:

1. Avnet, Inc., 60 S. McKemy Road, Chandler, AZ 85226, US
2. Bell Industries, 446 Windsor Park Drive, Dayton, OH 45459, US
3. Capstone, 3254-A Fraser Streeet, Aurora, CO 80111, US
4. Future Electronics, Inc., 237 Hymus Boulevard, Pointe Claire, Quebec, Canada H9R 5C7, Canada
5. Jaco Electronics, Inc., 145 Oser Avenue, Hauppauge, NY 11788, US
6. Kent Electronics, 7433 Harwin Drive, Houston, TX 77036-2015, US
7. New Yorker Electronics, 420 Center Avenue, Mamaroneck, NY 10543, US
8. Spirit Electronics, Inc., CAGE Code: 0BMH7, 23910 North 19th Avenue, Suite 26, Phoenix, AZ 85085-1849, US
9. TTI, Inc., 2441 Northeast Parkway, Fort Worth, TX 76101-1896, US
10. Tri-Start Electronics, Inc., 134 Remington Boulevard, Ronkonkoma, NY 11779, US

Category B

Distributor Location:

1. Vishay Dimona, Dimona Industrial Zone, Dimona 86000, Israel