Fantalum Dipped / Radial — Polar

TANTALUM DIPPED / RADIAL — POLAR



PERFORMANCE CHARACTERISTICS

- CAPACITANCE/VOLTAGE RANGE: T35X/T39X: 0.1-680µF, 3-50 Volts. T36X: 0.1-330µF, 6-50 Volts.
- CAPACITANCE TOLERANCE: Available in standard EIA nominal values with ±20% and ±10% standard.
- DISSIPATION FACTOR: Maximum DF limits are shown in corresponding series part number listings. See Application Notes Section, page 76 for additional information.
- DC LEAKAGE CURRENT: Maximum leakage values at 25° are shown in part number listings, pages 63-65, 67, 68 and 70. See Application Notes Section, pages 76 & 77 for additional information.
- RATED VOLTAGE; WORKING VOLTAGE; SURGE VOLTAGE; REVERSE VOLTAGE: See Application Notes Section, pages 76 & 77 for description.
- IMPEDANCE and ESR: See Application Notes Section, page 77 & 78 for description. Reference ESR values are shown in table below.

Commercial T35X/T36X/T39X ESR (OHMS) at 100 kHz @ +25°C (The ESR values provided below are for reference only. No warranty, as stated on page 3 and reincorporated here, is made as to the accuracy of these values for any particular T35X, T36X, T39X Series product.)

Cap.	6	10	16	20	25	35	50
μF	Volt	Volt	Volt	Volt	Volt	Volt	Volt
0.10 0.15 0.22 0.33 0.47 0.68 1.00 1.50 2.20 3.30 4.70 6.80 10.0 15.0 22.0 33.0 47.0 68.0 100.0 150.0 220.0 330.0	13.0 10.0 8.0 6.0 3.7 3.0 2.0 1.8 1.6 0.9 0.7	13.0 10.0 8.0 6.0 5.0 2.7 2.1 1.7 1.3 1.0 0.8 0.6	10.0 8.0 6.0 5.0 4.0 3.25 2.0 1.6 1.3 1.0 0.6	10.0 9.0 7.5 4.5 2.9 2.8 1.4 1.2 0.6	10.0 8.0 6.0 5.0 4.0 3.1 2.5 2.5 1.0 0.8	26.0 21.0 17.0 15.0 10.0 8.0 6.0 4.0 2.5 2.0 1.6 1.3 1.0 0.8	26.0 21.0 17.0 15.0 10.0 8.0 5.0 3.5 2.5 2.0 1.2 1.0

AC RIPPLE VOLTAGE: Permissible AC ripple voltage is related to equivalent series resistance (ESR) and power dissipation capability. Maximum power dissipation for each case size is listed in Table below. For additional description see page 78.

Case	Power Dissipation
Size	(max.) @ 25°C (watts)
T35X, A	.040
T39X B	.050
C	.060
D	.065
E	.070
F	.080
G	.090
H	.100
J	.110
K	.120
L	.130
T36X A	.050
B	.075
C	.090
D	.135

Maximum Power Dissipation Capability @ 25°C

- ENVIRONMENTAL CONSIDERATIONS:
 - A. Shock Test: MIL-STD-202, Method 213.
 - B. Thermal Shock, MIL-STD-202, Method 107, Condition A.
 - C. Moisture Resistance: MIL-STD-202, Method 106.
 - D. Solderability: MIL-STD-202, Method 208. For additional Environmental Test Information see pages 80, 81 and 82.
- LEAD MATERIAL: Effective June 30, 2005 the T35x, T368 and T39x Series will be available, as an option, with 100% Matte Tin (RoHS compliant) lead wire or Sn/Pb lead wire. Please see page 63 for part number ordering information. The T363 and T369 lead material will remain Sn/Pb solder coated steel core with a copper ply per MIL-STD-127 and at this time will not be available with a 100% Sn option.
- LEAD TAPE AND REEL: Reeling per specification RS-468. See pages 72 - 74 for additional information.



TANTALUM DIPPED / RADIAL - POLAR

T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"

The KEMET 'UltraDip II' Capacitors offer the designer of quality instruments and entertainment systems the widely recognized advantages inherent in solid tantalum capacitors at competitive prices.

The 'UltraDip II' Series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage and low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits. This series features a capacitance range from 0.1 to 680 microfarads at voltages from 3 to 50 VDC. 'UltraDip II' capacitors utilize the same sophisticated materials and processes which have advanced KEMET Electronics Corporation to the leadership position in solid tantalum capacitors.

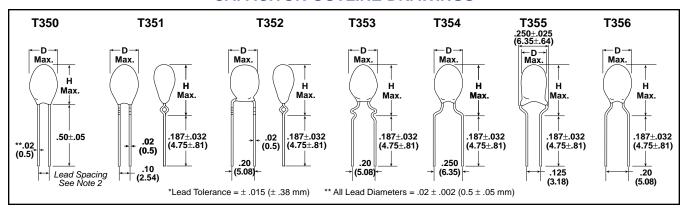
The plastic case provides a tough barrier coating and maintains precision of lead wire spacing within ± 0.015 inch. The gold color epoxy utilized permits Laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity and vendor identification.

Solid tantalum devices exhibit no degradation failure mode during shelf storage and show a constantly decreasing failure rate (i.e., absence of wearout mechanism) during life tests.

The 'UltraDip II' Series provides self-insulating cases which are resistant to shock and vibration. These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability.

Effective June 30, 2005 the T35x Series is RoHS compliant.

CAPACITOR OUTLINE DRAWINGS



DIMENSIONS — INCHES (MILLIMETERS)

	AII	T350	T351	T352	T353	T354	T355	T356
Case Size	D Max Diameter	H ⁽¹⁾ Max Height	H(1) Max Height	H ⁽¹⁾ Max Height				
Α	.175 (4.5)	.280 (7.1)	.380 (9.6)	.400 (10.2)	.400 (10.2)	.340 (8.6)	.340 (8.6)	.340 (8.6)
В	.175 (4.5)	.300 (7.6)	.390 (9.9)	.410 (10.4)	.410 (10.4)	.350 (8.9)	.350 (8.9)	.350 (8.9)
С	.196 (5.0)	.330 (8.4)	.420 (10.7)	.440 (11.2)	.440 (11.2)	.380 (9.6)	.380 (9.6)	.380 (9.6)
D	.196 (5.0)	.340 (8.6)	.430 (10.9)	.450 (11.4)	.450 (11.4)	.390 (9.9)	.390 (9.9)	.390 (9.9)
Е	.216 (5.5)	.350 (8.9)	.440 (11.2)	.460 (11.7)	.460 (11.7)	.400 (10.2)	.400 (10.2)	.400 (10.2)
F	.236 (6.0)	.390 (9.9)	.480 (12.2)	.500 (12.7)	.500 (12.7)	.440 (11.2)	.440 (11.2)	.440 (11.2)
G	.250 (6.3)	.400 (10.2)	.490 (12.4)	.510 (13.0)	.510 (13.0)	.450 (11.4)	.450 (11.4)	.450 (11.4)
Н	.300 (7.6)	.400 (10.2)	.500 (12.7)	.520 (13.2)	.520 (13.2)	.470 (11.9)	.470 (11.9)	.470 (11.9)
J ⁽²⁾	.330 (8.4)	.500 (12.7)			.580 (14.7)	.550 (14.0)		.550 (14.0)
K ⁽²⁾	.350 (8.9)	.530 (13.5)	Note 3	Note 3	.630 (16.0)	.610 (15.5)	Note 3	.610 (15.5)
L ⁽²⁾	.350 (8.9)	.630 (16.0)	11016.3	11016 3	.730 (18.5)	.710 (18.1)	110.63	.710 (18.1)
M ⁽²⁾	.400 (10.2)	.670 (17.0)			.760 (19.3)	.740 (18.8)		.740 (18.8)

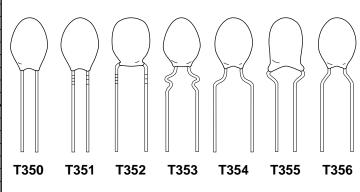
NOTES: (1) All "H" Dimensions are from Capacitor seating plane to top of Capacitor.

(2) On T350 Series, case sizes A-H are supplied with .100"(2.54) lead spacing—case sizes J-M are supplied with .200"(5.08) lead spacing.

(3) These case sizes are not available for T351, T352 & T355 capacitors.

LEAD CONFIGURATION & SPACING CHART

	LEAD SERIES							
CASE	CONFIGURATION	T350	T351	T352	T353	T354	T355	T356
	.100	Х	Χ					
	.125						Х	
	.200			Х	Х			Х
	.250					Х		
A-H	STRAIGHT LEAD	Х						
	STAND OFF		Х	Х		Х	Х	Х
	SNAP-IN				Χ			
	.100							
	.125		Ē	Ē			ABLE"	
	.200	Χ	AVAILABLE"	AVAILABLE"	Χ		AB	Χ
	.250		Į¥.	 		Х	AVAIL	
J-M	STRAIGHT LEAD	Х						
	STAND OFF		LON"			Х		Χ
	SNAP-IN		3	3	Х		4	

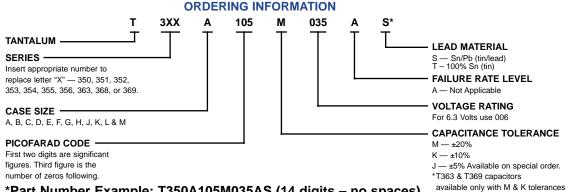


TANTALUM DIPPED / RADIAL - POLAR

T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"

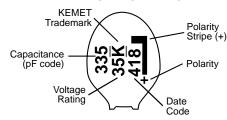






*Part Number Example: T350A105M035AS (14 digits - no spaces)

T35X & T368 MARKING INFORMATION



T35X RATINGS AND PART NUMBER REFERENCE

				MAX. DISSI- PATION						MAX DISS PATIO
CAPAC-			D.C.	FACTOR		CAPAC-			D.C.	FACTO
ITANCE µF	CASE	KEMET PART NUMBER	LEAKAGE uA@25°C	%@25°C, 120Hz		ITANCE µF	CASE SIZE	KEMET PART NUMBER	LEAKAGE uA@25°C	%@25° 120H
μ'				120112	_	μ'			•	12011
		OLT RATING AT 85°C						VOLT RATING AT 85°C		
	2	VOLT RATING AT 125°	C				4	VOLT RATING AT 125°	C	
4.7	Α	T35(1)A475(3)003A(4)		5		3.3	Α	T35(<u>1</u>)A335(<u>3</u>)006A(4)	0.5	5
5.6	Α	T35(<u>1</u>)A565(<u>3</u>)003A(4)		5		3.9	Α	T35(1)A395(3)006A(4)	0.5	5
6.8	Α	T35(<u>1</u>)A685(<u>3</u>)003A(4)		5		4.7	Α	T35(<u>1</u>)A475(<u>3</u>)006A(4)	0.5	5
8.2	Α	T35(<u>1</u>)A825(<u>3</u>)003A(4)		6		5.6	Α	T35(<u>1</u>)A565(<u>3</u>)006A(4)	0.5	5
10.0	Α	T35(<u>1</u>)A106(<u>3</u>)003A(4)	0.5	6		6.8	Α	T35(<u>1</u>)A685(<u>3</u>)006A(4)	0.5	5
12.0	В	T35(1)B126(3)003A(4)	0.5	6		8.2	В	T35(1)B825(3)006A(4)	0.5	6
15.0	В	T35(1)B156(3)003A(4)		6		10.0	B	T35(1)B106(3)006A(4)		6
18.0	С	T35(1)C186(3)003A(4)		6		12.0	С	T35(1)C126(3)006A(4)	0.6	6
22.0	Č	T35(1)C226(3)003A(4)		6		15.0	C	T35(1)C156(3)006A(4)		6
		() ()		-	-			(-) (-)	_	_
27.0	D	T35(1)D276(3)003A(4)		6		18.0	D	T35(<u>1</u>)D186(<u>3</u>)006A(4)	0.9	6
33.0	D	T35(<u>1</u>)D336(<u>3</u>)003A(4)	0.8	6		22.0	D	T35(<u>1</u>)D226(<u>3</u>)006A(4)	1.1	6
39.0	Е	T35(1)E396(3)003A(4)	0.9	6		27.0	Е	T35(1)E276(3)006A(4)	1.3	6
47.0	E E	T35(1)E476(3)003A(4)		6		33.0	E	T35(1)E336(3)006A(4)	1.6	6
56.0	F	T35(1)F566(3)003A(4)	1.3	6		39.0	F	T35(1)F396(3)006A(4)	1.9	6
68.0	F	T35(1)F686(3)003A(4)		6		47.0	F	T35(1)F476(3)006A(4)	2.3	6
		(-, (-, (-,		-	-			(-) (-)		_
82.0	G	T35(<u>1</u>)G826(<u>3</u>)003A(4)		8		56.0	G	T35(<u>1</u>)G566(<u>3</u>)006A(4)	2.7	6
100.0	G	T35(<u>1</u>)G107(<u>3</u>)003A(4)	2.4	8		68.0	G	T35(<u>1</u>)G686(<u>3</u>)006A(4)	3.3	6
120.0	Н	T35(1)H127(3)003A(4)	2.9	8		82.0	Н	T35(1)H826(3)006A(4)	3.9	8
150.0	H	T35(1)H157(3)003A(4)		8		100.0	H	T35(1)H107(3)006A(4)	4.8	8
180.0	J	T35(2)J187(3)003A(4)	4.3	8		120.0	J	T35(2)J127(3)006A(4)	5.8	8
220.0	Ĵ	T35(<u>2</u>)J227(<u>3</u>)003A(4)	5.3	8		150.0	Ĵ	T35(<u>2</u>)J157(<u>3</u>)006A(4)	7.2	8
		(-) (-)		_	-			() ()		_
270.0	K	T35(<u>2</u>)K277(<u>3</u>)003A(4)		8		180.0	K	T35(<u>2</u>)K187(<u>3</u>)006A(4)	8.6	8
330.0	K	T35(<u>2</u>)K337(<u>3</u>)003A(4)	7.9	8		220.0	K	T35(<u>2</u>)K227(<u>3</u>)006A(4)	10.0	8
390.0	L	T35(2)L397(3)003A(4)	9.4	9		270.0	L	T35(2)L277(3)006A(4)	10.0	8
470.0	L	T35(2)L477(3)003A(4)		9		330.0	L		10.0	8
560.0	М	T35(2)M567(3)003A(4)		9				(
680.0	M	T35(2)M687(3)003A(4)		9						
000.0	IVI	1 33(<u>Z)</u> IVIOO1 (<u>3</u>)003A(4)	10.0	9						

⁽¹⁾ To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T352, "3" = T353, "4" = T354, "5" = T355, "6" = T356.

⁽²⁾ To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356. (3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.

⁽⁴⁾ To complete KEMET Part Number, insert Lead Material designation: S = SnPb (tin/lead) and T = 100% Sn (tin).

NOTE: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.



TANTALUM DIPPED / RADIAL — POLAR

T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"

T35X RATINGS AND PART NUMBER REFERENCE

CAPAC- ITANCE μF SIZE KEMET PART NUMBER D.C. LEAKAGE μφ25°C 120Hz 10 VOLT RATING AT 85°C 7 VOLT RATING AT 125°C 2.2 A T35(1)A225(3)010A(4) 0.5 5 3.3 A T35(1)A335(3)010A(4) 0.5 5 3.9 A T35(1)A395(3)010A(4) 0.5 5 4.7 A T35(1)A395(3)010A(4) 0.5 5 5.6 B T35(1)B565(3)010A(4) 0.5 5 6.8 B T35(1)B685(3)010A(4) 0.5 5 6.8 B T35(1)E126(3)010A(4) 0.7 6 6.8 B T35(1)E126(3)010A(4) 1.0 6 15.0 E T35(1)E126(3)010A(4) 1.2 6 15.0 E T35(1)E126(3)010A(4) 1.2 6 18.0 E T35(1)E126(3)010A(4) 1.2 6 18.0 E T35(1)E226(3)010A(4) 1.4 6 22.0 E T35(1)E226(3)010A(4) 1.8 6 33.0 F T35(1)F336(3)010A(4) 1.8 6 39.0 G T35(1)G396(3)010A(4) 3.1 6 47.0 H T35(1)H368(3)010A(4) 4.5 6 68.0 H T35(1)H368(3)010A(4) 5.4 6 68.0 H T35(1)H368(3)010A(4) 5.5 6 6.0 K T35(2)K127(3)010A(4) 10.0 8 180.0 L T35(2)L187(3)010A(4) 0.5 5 1.8 A T35(1)A185(3)016A(4) 0.5 5 1.8 A T35(1)A185(3)016A(4) 0.5 5 1.8 A T35(1)A275(3)016A(4) 0.5 5 1.5 A T35(1)B395(3)016A(4) 0.5 5 1.5 A T35(1)B25(3)016A(4) 0.5 5 1.5			RAII	NGS A	NU PA
7 VOLT RATING AT 125°C 2.2 A T35(1)A225(3)010A(4) 0.5 5 3.3 A T35(1)A3275(3)010A(4) 0.5 5 3.9 A T35(1)A395(3)010A(4) 0.5 5 4.7 A T35(1)A395(3)010A(4) 0.5 5 6.8 B T35(1)B656(3)010A(4) 0.5 5 6.8 B T35(1)B656(3)010A(4) 0.5 5 8.2 C T35(1)C825(3)010A(4) 0.5 5 8.2 C T35(1)C106(3)010A(4) 0.6 6 10.0 C T35(1)C106(3)010A(4) 1.0 6 15.0 E T35(1)E126(3)010A(4) 1.2 6 18.0 E T35(1)E126(3)010A(4) 1.2 6 18.0 E T35(1)E126(3)010A(4) 1.4 6 22.0 E T35(1)E126(3)010A(4) 1.8 6 27.0 F T35(1)E126(3)010A(4) 2.2 6 33.0 F T35(1)E126(3)010A(4) 2.6 6 39.0 G T35(1)H566(3)010A(4) 3.1 6 47.0 H T35(1)H476(3)010A(4) 3.8 6 68.0 H T35(1)H566(3)010A(4) 5.4 6 68.0 H T35(1)H566(3)010A(4) 6.6 8 120.0 J T35(2)J826(3)010A(4) 6.6 8 120.0 K T35(2)K127(3)010A(4) 8.0 8 120.0 K T35(2)K127(3)010A(4) 10.0 8 120.0 L T35(2)L127(3)010A(4) 10.0 8 120.0 L T35(2)L127(3)010A(4) 10.0 8 120.0 L T35(2)L127(3)010A(4) 10.0 8 150.0 L T35(1)A155(3)016A(4) 0.5 5 1.8 A T35(1)A155(3)016A(4) 0.5 5 2.2 A T35(1)A25(3)016A(4) 0.5 5 3.3 A T35(1)A35(3)016A(4) 0.5 5 4.7 B T35(1)B395(3)016A(4) 0.5 5 1.8 A T35(1)A155(3)016A(4) 0.5 5 1.8 A T35(1)A25(3)016A(4) 0.5 5 1.8 A T35(1)B395(3)016A(4) 0.5 5 1.8 A T35(1)A25(3)016A(4) 0.5 5 1.8 A T35(1)B275(3)016A(4) 0.5 5 1.0 A T35(1)B275(3)016A(4) 0.5 5 1.0 A T35(1)B275(3)	ITANCE		KEMET PART NUMBER	LEAKAGE	DISSI- PATION FACTOR %@25°C,
2.7 A T35(1)A275(3)010A(4) 0.5 5 3.9 A T35(1)A335(3)010A(4) 0.5 5 4.7 A T35(1)A375(3)010A(4) 0.5 5 5.6 B T35(1)B565(3)010A(4) 0.5 5 6.8 B T35(1)B685(3)010A(4) 0.5 5 6.8 C T35(1)C106(3)010A(4) 0.7 6 10.0 C T35(1)C106(3)010A(4) 0.8 6 12.0 E T35(1)E156(3)010A(4) 1.0 6 15.0 E T35(1)E156(3)010A(4) 1.2 6 15.0 E T35(1)E156(3)010A(4) 1.4 6 12.0 E T35(1)E126(3)010A(4) 1.4 6 12.0 E T35(1)E126(3)010A(4) 1.4 6 12.0 E T35(1)E126(3)010A(4) 1.4 6 13.0 E T35(1)E126(3)010A(4) 1.4 6 14.0 E T35(1)E126(3)010A(4) 1.8 6 15.0 E T35(1)E126(3)010A(4) 1.8 6 15.0 E T35(1)E126(3)010A(4) 2.2 6 15.0 E T35(1)E126(3)010A(4) 1.8 6 15.0 E T35(1)E126(3)010A(4) 2.6 6 15.0 E T35(1)E126(3)010A(4) 2.6 6 15.0 E T35(1)E126(3)010A(4) 3.1 6 15.0 E T35(1)E126(3)010A(4) 3.8 6 15.0 H T35(1)H476(3)010A(4) 4.5 6 16.0 H T35(1)H686(3)010A(4) 4.5 6 16.0 H T35(1)H686(3)010A(4) 5.4 6 170.0 H T35(2)J826(3)010A(4) 1.0 8 120.0 K T35(2)J826(3)010A(4) 1.0 8 120.0 K T35(2)J826(3)010A(4) 1.0 8 120.0 L T35(2)L187(3)010A(4) 10.0 8 120.0 L T35(2)L187(3)010A(4) 10.0 8 120.0 L T35(2)L27(3)010A(4) 10.0 8 180.0 L T35(2)L187(3)010A(4) 0.5 5 1.8 A T35(1)A155(3)016A(4) 0.5 5 1.8 A T35(1)A155(3)016A(4) 0.5 5 1.8 A T35(1)A225(3)016A(4) 0.5 5 1.8 A T35(1)A25(3)016A(4) 0.5 5 1.8 A T35(1)B395(3)016A(4) 0.5 5					
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4.7 B T35(1)B475(3)016A(4) 0.6 5 5.6 C T35(1)C565(3)016A(4) 0.7 5 6.8 C T35(1)C685(3)016A(4) 0.9 5 8.2 E T35(1)E825(3)016A(4) 1.0 6 10.0 E T35(1)E106(3)016A(4) 1.3 6 12.0 E T35(1)E126(3)016A(4) 1.5 6 15.0 E T35(1)E156(3)016A(4) 1.8 6 18.0 F T35(1)F186(3)016A(4) 2.2 6 22.0 F T35(1)F226(3)016A(4) 2.6 6 27.0 H T35(1)H276(3)016A(4) 3.2 6 33.0 H T35(1)H276(3)016A(4) 4.0 6 39.0 J T35(2)J396(3)016A(4) 4.7 6 47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)K566(3)016A(4) 6.8 6 68.0 K T35(2)K686(3)016A(4) 9.8	1.8 2.2 2.7	A A A	T35(1)A155(3)016A(4) T35(1)A185(3)016A(4) T35(1)A225(3)016A(4) T35(1)A275(3)016A(4)	0.5 0.5 0.5 0.5	5 5 5
6.8 C T35(1)C685(3)016A(4) 0.9 5 8.2 E T35(1)E825(3)016A(4) 1.0 6 10.0 E T35(1)E106(3)016A(4) 1.3 6 12.0 E T35(1)E126(3)016A(4) 1.5 6 15.0 E T35(1)E156(3)016A(4) 1.8 6 18.0 F T35(1)F186(3)016A(4) 2.2 6 22.0 F T35(1)F226(3)016A(4) 2.6 6 27.0 H T35(1)H276(3)016A(4) 3.2 6 33.0 H T35(1)H336(3)016A(4) 4.0 6 39.0 J T35(2)J396(3)016A(4) 4.7 6 47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)J476(3)016A(4) 6.8 6 68.0 K T35(2)K566(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 M T35(2)M127(3)016A(4) 10.0 8					
10.0 E T35(1)E106(3)016A(4) 1.3 6 12.0 E T35(1)E126(3)016A(4) 1.5 6 15.0 E T35(1)E156(3)016A(4) 1.8 6 18.0 F T35(1)F186(3)016A(4) 2.2 6 22.0 F T35(1)F226(3)016A(4) 2.6 6 27.0 H T35(1)H276(3)016A(4) 3.2 6 33.0 H T35(1)H336(3)016A(4) 4.0 6 39.0 J T35(2)J396(3)016A(4) 4.7 6 47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)K566(3)016A(4) 6.8 6 68.0 K T35(2)K686(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 L T35(2)L107(3)016A(4) 10.0 8		C			
22.0 F T35(1)F226(3)016A(4) 2.6 6 27.0 H T35(1)H276(3)016A(4) 3.2 6 33.0 H T35(1)H336(3)016A(4) 4.0 6 39.0 J T35(2)J396(3)016A(4) 4.7 6 47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)K566(3)016A(4) 6.8 6 68.0 K T35(2)K686(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 L T35(2)L107(3)016A(4) 10.0 8 120.0 M T35(2)M127(3)016A(4) 10.0 8	10.0 12.0	E E	T35(1)E106(3)016A(4) T35(1)E126(3)016A(4)	1.3 1.5	6 6
33.0 H T35(1)H336(3)016A(4) 4.0 6 39.0 J T35(2)J396(3)016A(4) 4.7 6 47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)K566(3)016A(4) 6.8 6 68.0 K T35(2)K686(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 L T35(2)L107(3)016A(4) 10.0 8		F F			
47.0 J T35(2)J476(3)016A(4) 5.6 6 56.0 K T35(2)K566(3)016A(4) 6.8 6 68.0 K T35(2)K686(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 L T35(2)L107(3)016A(4) 10.0 8 120.0 M T35(2)M127(3)016A(4) 10.0 8					
68.0 K T35(2)K686(3)016A(4) 8.2 6 82.0 L T35(2)L826(3)016A(4) 9.8 8 100.0 L T35(2)L107(3)016A(4) 10.0 8 120.0 M T35(2)M127(3)016A(4) 10.0 8			T35(<u>2</u>)J476(<u>3</u>)016A(4)		
100.0 L T35(2)L107(3)016A(4) 10.0 8 120.0 M T35(2)M127(3)016A(4) 10.0 8					
	100.0	L	T35(<u>2</u>)L107(<u>3</u>)016A(4)	10.0	8
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BER RE	FERE	NCE		
CAPAC- ITANCE µF	CASE SIZE	KEMET PART NUMBER	D.C. LEAKAGE µA@25°C	MAX. DISSI- PATION FACTOR %@25°C, 120Hz
		VOLT RATING AT 85°C VOLT RATING AT 125°	_	
1.0 1.2 1.5 1.8 2.2	A A A A	T35(1)A105(3)020A(4) T35(1)A125(3)020A(4) T35(1)A155(3)020A(4) T35(1)A185(3)020A(4) T35(1)A225(3)020A(4)	0.5 0.5 0.5	5 5 5 5
2.7	B	T35(<u>1</u>)B275(<u>3</u>)020A(4)	0.5	5
3.3	B	T35(<u>1</u>)B335(<u>3</u>)020A(4)	0.5	5
3.9	C	T35(1)C395(3)020A(4)	0.6	5
4.7		T35(1)C475(3)020A(4)	0.8	5
5.6	D	T35(1)D565(3)020A(4)		5
6.8	D	T35(1)D685(3)020A(4)		5
8.2	E	T35(1)E825(3)020A(4)	1.3	6
10.0	E	T35(1)E106(3)020A(4)	1.6	
12.0	F	T35(<u>1</u>)F126(<u>3</u>)020A(4)	1.9	6
15.0	F	T35(<u>1</u>)F156(<u>3</u>)020A(4)	2.4	6
18.0	G	T35(<u>1</u>)G186(<u>3</u>)020A(4)		6
22.0	G	T35(<u>1</u>)G226(<u>3</u>)020A(4)		6
27.0	J	T35(<u>2</u>)J276(<u>3</u>)020A(4)	4.3	6
33.0		T35(<u>2</u>)J336(<u>3</u>)020A(4)	5.3	6
39.0	K	T35(<u>2</u>)K396(<u>3</u>)020A(4)		6
47.0	K	T35(<u>2</u>)K476(<u>3</u>)020A(4)		6
56.0	L	T35(<u>2</u>)L566(<u>3</u>)020A(4)	9.0	6
68.0	L	T35(<u>2</u>)L686(<u>3</u>)020A(4)	10.0	6
82.0	M	T35(<u>2</u>)M826(<u>3</u>)020A(4)		8
100.0	M	T35(<u>2</u>)M107(<u>3</u>)020A(4)		8
		VOLT RATING AT 85°C 5 VOLT RATING AT 125		
1.0 1.2 1.5 1.8	A A A	T35(1)A105(3)025A(4) T35(1)A125(3)025A(4) T35(1)A155(3)025A(4) T35(1)A185(3)025A(4)		5 5 5 5
2.2	B	T35(1)B225(3)025A(4)	0.5	5
2.7	B	T35(1)B275(3)025A(4)	0.5	5
3.3	B	T35(1)B335(3)025A(4)	0.7	5
3.9 4.7	C	T35(<u>1</u>)C395(<u>3</u>)025A(4) T35(<u>1</u>)C475(<u>3</u>)025A(4)	0.9	5 5
5.6 6.8 8.2 10.0	E E E	T35(1)E565(3)025A(4) T35(1)E685(3)025A(4) T35(1)E825(3)025A(4) T35(1)E106(3)025A(4)	1.4	5 5 6
12.0	G	T35(<u>1</u>)G126(<u>3</u>)025A(4)	2.4	6
15.0	G	T35(<u>1</u>)G156(<u>3</u>)025A(4)	3.0	6
18.0	H	T35(<u>1</u>)H186(<u>3</u>)025A(4)		6
22.0	H	T35(<u>1</u>)H226(<u>3</u>)025A(4)		6
27.0 33.0	J	T35(<u>2</u>)J276(<u>3</u>)025A(4) T35(<u>2</u>)J336(<u>3</u>)025A(4)	5.4 6.6	6
39.0	К	T35(<u>2</u>)K396(<u>3</u>)025A(4)		6
47.0	К	T35(<u>2</u>)K476(<u>3</u>)025A(4)		6
56.0	L	T35(<u>2</u>)L566(<u>3</u>)025A(4)	10.0	6
68.0	L	T35(<u>2</u>)L686(<u>3</u>)025A(4)	10.0	

⁽¹⁾ To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T353, "4" = T354, "5" = T355, "6" = T356.

(2) To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356.

(3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.

(4) To complete KEMET Part Number, insert Lead Material Designation as follows: S = Sn/Pb (tin/lead) and T = 100% Sn (tin).

NOTE: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.

TANTALUM DIPPED / RADIAL - POLAR

T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"



T35X RATINGS AND PART NUMBER REFERENCE

		KAII	NG3 A	ND PA
CAPAC- ITANCE µF	CASE SIZE	KEMET PART NUMBER	D.C. LEAKAGE µA@25°C	MAX. DISSI- PATION FACTOR %@25°C, 120Hz
		VOLT RATING AT 85°C VOLT RATING AT 125		
0.10 0.12 0.15 0.18 0.22 0.27 0.33 0.39 0.47 0.56 0.68 0.82	A A A A A A A A A A A A A A A A A A A	T35(1)A104(3)035A(4) T35(1)A124(3)035A(4) T35(1)A154(3)035A(4) T35(1)A184(3)035A(4) T35(1)A224(3)035A(4) T35(1)A274(3)035A(4) T35(1)A334(3)035A(4) T35(1)A394(3)035A(4) T35(1)A474(3)035A(4) T35(1)A564(3)035A(4) T35(1)A684(3)035A(4)	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
1.0 1.2 1.5	B B	T35(1)A105(3)035A(4) T35(1)B125(3)035A(4) T35(1)B155(3)035A(4)	0.5 0.5 0.5	3 5 5
1.8	C	T35(<u>1</u>)C185(<u>3</u>)035A(4)	0.5	5
2.2	C	T35(<u>1</u>)C225(<u>3</u>)035A(4)		5
2.7 3.3	D D	T35(<u>1</u>)D275(<u>3</u>)035A(4) T35(<u>1</u>)D335(<u>3</u>)035A(4)		5 5
3.9	E E	T35(<u>1</u>)E395(<u>3</u>)035A(4)	1.0	5
4.7		T35(<u>1</u>)E475(<u>3</u>)035A(4)	1.3	5
5.6	F	T35(<u>1</u>)F565(<u>3</u>)035A(4)	1.6	5
6.8	F	T35(<u>1</u>)F685(<u>3</u>)035A(4)	1.9	5
8.2 10.0	G G	T35(<u>1</u>)G825(<u>3</u>)035A(4) T35(<u>1</u>)G106(<u>3</u>)035A(4)		6 6
12.0	7 7	T35(<u>2</u>)J126(<u>3</u>)035A(4)	3.4	6
15.0		T35(<u>2</u>)J156(<u>3</u>)035A(4)	4.2	6
18.0	К	T35(<u>2</u>)K186(<u>3</u>)035A(4)		6
22.0	К	T35(<u>2</u>)K226(<u>3</u>)035A(4)		6
27.0	L	T35(<u>2</u>)L276(<u>3</u>)035A(4)	7.6	6
33.0		T35(<u>2</u>)L336(<u>3</u>)035A(4)	9.2	6
39.0	M	T35(<u>2</u>)M396(<u>3</u>)035A(4)	10.0	6
47.0	M	T35(<u>2</u>)M476(<u>3</u>)035A(4)	10.0	6

DEK KE				
				MAX. DISSI-
				PATION
CAPAC-			D.C.	FACTOR
ITANCE	CASE	WEART DADT AUGADES	LEAKAGE	%@25°C,
μF	SIZE	KEMET PART NUMBER	μA@25°C	120Hz
		VOLT RATING AT 85°C VOLT RATING AT 125°		
0.10	Α	T35(1)A104(3)050A(4)	0.5	3
0.12	Α	T35(1)A124(3)050A(4)	0.5	3 3 3 3 3 3
0.15	Α	T35(1)A154(3)050A(4)	0.5	3
0.18	A	T35(1)A184(3)050A(4)	0.5	3
0.22	A	T35(1)A224(3)050A(4)	0.5	3
0.27	A	T35(1)A274(3)050A(4)	0.5	3
0.33	Α	T35(1)A334(3)050A(4)	0.5	
0.39	В	T35(1)B394(3)050A(4)	0.5	3
0.47	В	T35(1)B474(3)050A(4)	0.5	3
0.56	В	T35(1)B564(3)050A(4)		3 3 3
0.68	В	T35(1)B684(3)050A(4)	0.5	3
0.82 1.0	В В	T35(1)B824(3)050A(4)	0.5 0.5	3
		T35(1)B105(3)050A(4)		
1.2	D	T35(1)D125(3)050A(4)	0.5	5
1.5	E	T35(1)E155(3)050A(4)	0.6	5
1.8	E	T35(1)E185(3)050A(4)		5
2.2	Е	T35(1)E225(3)050A(4)	0.9	5
2.7	F	T35(1)F275(3)050A(4)	1.1	5
3.3	F	T35(1)F335(3)050A(4)	1.3	5
3.9	G	T35(1)G395(3)050A(4)	1.6	5
4.7	G	T35(1)G475(3)050A(4)	1.9	5
5.6	Н	T35(1)H565(3)050A(4)	2.2	5
6.8	J	T35(2)J685(3)050A(4)	2.7	5
8.2	J	T35(2)J825(3)050A(4)	3.3	6
10.0	K	T35(2)K106(3)050A(4)	4.0	6
12.0	K	T35(2)K126(3)050A(4)	4.8	6
15.0	L	T35(2)L156(3)050A(4)	6.0	6
18.0	L	T35(2)L186(3)050A(4)	7.2	6
22.0	М	T35(2)M226(3)050A(4)	8.8	6
		', ', ', ', ', ', ', ', ', ', ', ', ',		
T2E1 "2" _ T2	F2 "2" _ T	TOEO "A" - TOEA "E" - TOEE "G	, T2E6	

⁽¹⁾ To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T352, "3" = T353, "4" = T354, "5" = T355, "6" = T356.

(2) To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356.

(3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.

(4) To complete KEMET Part Number, insert Lead Material Designation as follows: S = Sn/Pb (tin/lead) and T = 100% Tin.

Note: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.



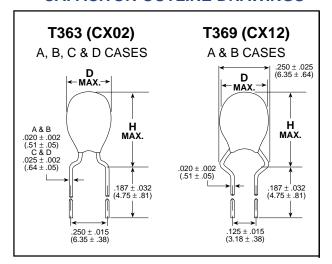
TANTALUM DIPPED / RADIAL — MIL-PRF-49137/2

T363 (CX02), T369 (CX12) SERIES

Product manufactured to the requirements of MIL-PRF-49137 satisfy all the performance characteristics of the UltraDip II. The performance characteristics meet or exceed the requirements of MIL-PRF-49137.

In addition to the standard process testing done on the UltraDip II, all product supplied to MIL-PRF-49137 is sampled on a lot by lot basis for Group A and Group B inspection to insure compliance. Product supplied per MIL-PRF-49137 also receives an additional post process burn-in for at least two (2) hours under accelerated voltage stress in excess of 125% of DC rated voltage. This post process burn-in is equivalent to 200 hours under rated conditions.

CAPACITOR OUTLINE DRAWINGS

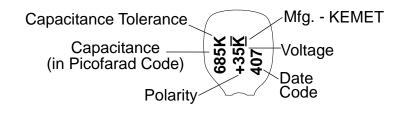


DIMENSIONS — INCHES & (MILLIMETERS)

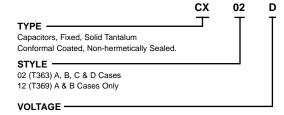
T363 A-D CASE T369 A&B CASE ONLY

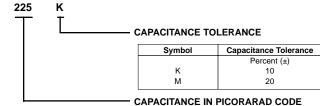
CASE SIZE	D MAX	H MAX
А	0.175 (4.45)	0.350 (8.89)
В	0.250 (6.35)	0.450 (11.43)
С	0.350 (8.89)	0.610 (15.49)
D	0.400 (10.16)	0.740 (18.80)

MIL-PRF-49137 MARKING INFORMATION



MIL-PRF-49137/2 ORDERING INFORMATION





Symbol	Rated (857C) Volts, dc	Surge (857C) Volts, dc
D	6	8
F	10	13
Н	15	20
J	20	26
K	25	32
M	35	46
N	50	65

^{*}For KEMET Ordering Information, see page 63.

The nominal capacitance value, expressed in

picofarads (pF), is identified by a three-digit number; the first two digits represent significant figures and the last digit specifies the number of zeros to follow.

TANTALUM DIPPED / RADIAL — MIL-PRF-49137/2

T363 (CX02), T369 (CX12) SERIES



RATINGS & PART NUMBER REFERENCE

CAPACITANCE µF	CASE SIZE	CAPACITANCE TOLERANCE ±%	T363, T369 KEMET PART NUMBER	D.C. LEAKAGE µA@25°C	MAX. DISSIPATION FACTOR %@25°C, 120Hz	CXO2 (T363) MILITARY PART NUMBER	CX12 (T369) MILITARY PART NUMBER
6.8	A	10, 20	T36(1)A685(2)006AS	0.5	6 6	CX02D685(<u>2</u>)	CX12D685(2)
47.0		10, 20	T36(<u>1</u>)B476(<u>2</u>)006AS	2.3	6	CX02D683(<u>2</u>) CX02D476(2)	CX12D003(<u>2</u>) CX12D476(<u>2</u>)
68.0	В	10, 20	T36(1)B686(2)006AS	3.3	6	CX02D476(<u>2</u>)	CX12D476(<u>2</u>)
150.0	С	10, 20	T363C157(<u>2</u>)006AS	7.2	8	CX02D157(<u>2</u>)	
330.0	D	10, 20	T363D337(<u>2</u>)006AS	10.0	8	CX02D337(<u>2</u>)	
			10 VOL	T RATIN	G AT 85°C		
4.7	Α	10, 20	T36(<u>1</u>)A475(<u>2</u>)010AS	0.5	5	CX02F475(<u>2</u>)	CX12F475(<u>2</u>)
33.0	В	10, 20	T36(<u>1</u>)B336(<u>2</u>)010AS	2.6	6	CX02F336(<u>2</u>)	CX12F336(<u>2</u>)
100.0	С	10, 20	T363C107(<u>2</u>)010AS	8.0	8	CX02F107(<u>2</u>)	
220.0	D	10, 20	T363D227(<u>2</u>)010AS	10.0	8	CX02F227(<u>2</u>)	
			15 VOL	T RATIN	G AT 85°C		
3.3	Α	10, 20	T36(<u>1</u>)A335(<u>2</u>)015AS	0.5	5	CX02H335(<u>2</u>)	CX12H335(<u>2</u>)
22.0	В	10, 20	T36(<u>1</u>)B226(<u>2</u>)015AS	2.6	6	CX02H226(<u>2</u>)	CX12H226(<u>2</u>)
68.0	С	10, 20	T363C686(<u>2</u>)015AS	8.2	6	CX02H686(<u>2</u>)	
150.0	D	10, 20	T363D157(<u>2</u>)015AS	10.0	8	CX02H157(<u>2</u>)	
			20 VOL	T RATIN	G AT 85°C	•	I
2.2	Α	10, 20	T36(<u>1</u>)A225(<u>2</u>)020AS	0.5	5	CX02J225(<u>2</u>)	CX12J225(<u>2</u>)
15.0	В	10, 20	T36(<u>1</u>)B156(<u>2</u>)020AS	2.4	6	CX02J156(<u>2</u>)	CX12J156(<u>2</u>)
47.0	С	10, 20	T363C476(<u>2</u>)020AS	7.5	6	CX02J476(<u>2</u>)	
100.0	D	10, 20	T363D107(<u>2</u>)020AS	10.0	8	CX02J107(<u>2</u>)	
			25 VOL	T RATIN	G AT 85°C		
1.5	Α	10, 20	T36(<u>1</u>)A155(<u>2</u>)025AS	0.5	5	CX02K155(<u>2</u>)	CX12K155(<u>2</u>)
10.0	В	10, 20	T36(<u>1</u>)B106(<u>2</u>)025AS	2.0	6	CX02K106(<u>2</u>)	CX12K106(<u>2</u>)
33.0	С	10, 20	T363C336(<u>2</u>)025AS	6.6	6	CX02K336(<u>2</u>)	
68.0	D	10, 20	T363D686(<u>2</u>)025AS	10.0	6	CX02K686(<u>2</u>)	
			35 VOL	T RATIN	G AT 85°C		
6.8	В	10, 20	T36(<u>1</u>)B685(<u>2</u>)035AS	1.9	5	CX02M685(<u>2</u>)	CX12M685(<u>2</u>)
22.0	С	10, 20	T363C226(<u>2</u>)035AS	6.2	6	CX02M226(<u>2</u>)	
33.0 47.0	D D	10, 20 10, 20	T363D336(<u>2</u>)035AS T363D476(<u>2</u>)035AS	9.2 10.0	6 6	CX02M336(<u>2)</u> CX02M476(<u>2</u>)	
			50 VOL		G AT 85°C		I
0.1 0.15 0.22 0.33 0.47 0.68 1.0	A A A A A	10, 20 10, 20 10, 20 10, 20 10, 20 10, 20 10, 20	T36(1)A104(2)050AS T36(1)A154(2)050AS T36(1)A224(2)050AS T36(1)A334(2)050AS T36(1)A474(2)050AS T36(1)A684(2)050AS T36(1)A105(2)050AS	0.5 0.5 0.5 0.5 0.5 0.5	3 3 3 3 3 3 3	CX02N104(2) CX02N154(2) CX02N224(2) CX02N334(2) CX02N474(2) CX02N684(2) CX02N105(2)	CX12N104(2) CX12N154(2) CX12N224(2) CX12N334(2) CX12N474(2) CX12N684(2) CX12N105(2)
1.5 2.2 3.3 4.7	В В В В	10, 20 10, 20 10, 20 10, 20	T36(1)B155(2)050AS T36(1)B225(2)050AS T36(1)B335(2)050AS T36(1)B475(2)050AS	0.6 0.9 1.3 1.9	5 5 5 5	CX02N155(2) CX02N225(2) CX02N335(2) CX02N475(2)	CX12N155(2) CX12N225(2) CX12N335(2) CX12N475(2)
6.8 10.0 15.0	CCC	10, 20 10, 20 10, 20	T363C685(2)050AS T363C106(2)050AS T363C156(2)050AS	2.7 4.0 6.0	5 6 6	CX02N685(<u>2</u>) CX02N106(<u>2</u>) CX02N156(<u>2</u>)	
22.0	D	10, 20	T363D226(<u>2</u>)050AS	8.8	6	CX02N226(<u>2</u>)	

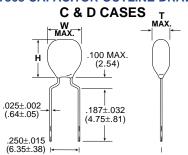
 ⁽¹⁾ To complete KEMET part number, insert Series Designation as follows: 3 - T363 (CX02); 9 - T369 (CX12)
 (2) To complete KEMET or military part number, insert Capacitance Tolerance Symbol as follows: M - ±20%, K - ±10%



TANTALUM DIPPED / RADIAL

T368 SERIES "ULTRADIP II"

T368 CAPACITOR OUTLINE DRAWING



T368
DIMENSIONS — INCHES + (MILLIMETERS)

CASE			
SIZE	TMAX	WMAX	HMAX
	0.250	0.40	0.42
С	(6.35)	(10.16)	(10.67)
	0.250	0.460	0.52
D	(6.35)	(11.68)	(13.20)

T368
RATINGS AND PART NUMBER REFERENCE

CAPAC- ITANCE µF	CASE SIZE	KEMET PART NUMBER	D.C. LEAKAGE µA@25°C	MAX. DISSI- PATION FACTOR %@25°C, 120Hz						
	6 VOLT RATING AT 85°C									
82.0 100.0 120.0 150.0	C C C	T368C826(1)006A(2) T368C107(1)006A(2) T368C127(1)006A(2) T368C157(1)006A(2)	3.9 4.8 5.8 7.2	8 8 8						
180.0 220.0 270.0 330.0	D D D	T368D187(<u>1</u>)006A(2) T368D227(<u>1</u>)006A(2) T368D277(<u>1</u>)006A(2) T368D337(<u>1</u>)006A(2)	8.6 10.0 10.0 10.0	8 8 8 8						
	10	VOLT RATING AT 85°	C							
47.0 56.0 68.0 82.0 100.0	00000	T368C476(1)010A(2) T368C566(1)010A(2) T368C686(1)010A(2) T368C826(1)010A(2) T368C107(1)010A(2)	3.8 4.4 5.4 6.5 8.0	6 6 8 8						
120.0 150.0 180.0 220.0	D D D	T368D127(1)010A(2) T368D157(1)010A(2) T368D187(1)010A(2) T368D227(1)010A(2)	9.6 10.0 10.0 10.0	8 8 8 8						
	15	VOLT RATING AT 85°	C							
27.0 33.0 39.0 47.0 56.0 68.0	000000	T368C276(1)015A(2) T368C336(1)015A(2) T368C396(1)015A(2) T368C476(1)015A(2) T368C566(1)015A(2) T368C686(1)015A(2)	3.2 4.0 4.7 5.6 6.8 8.2	6 6 6 6 6						
82.0 100.0 120.0 150.0	D D D	T368D826(1)015A(2) T368D107(1)015A(2) T368D127(1)015A(2) T368D157(1)015A(2)	9.8 10.0 10.0 10.0	8 8 8 8						
	20	VOLT RATING AT 85°	C	ı						
18.0 22.0 27.0 33.0 39.0 47.0	000000	T368C186(1)020A(2) T368C226(1)020A(2) T368C276(1)020A(2) T368C336(1)020A(2) T368C396(1)020A(2) T368C476(1)020A(2)	2.8 3.5 4.3 5.3 6.2 7.5	6 6 6 6 6						
56.0 68.0 82.0 100.0	D D D	T368D566(1)020A(2) T368D686(1)020A(2) T368D826(1)020A(2) T368D107(1)020A(2)	8.9 10.0 10.0 10.0	6 6 8 8						

IDLI	\L L	KENCE							
CAPAC- ITANCE µF	CASE SIZE	KEMET PART NUMBER	D.C. LEAKAGE µA@25°C	MAX. DISSI- PATION FACTOR %@25°C, 120Hz					
25 VOLT RATING AT 85°C									
12.0 15.0 18.0 22.0 27.0 33.0	000000	T368C126(1)025A(2) T368C156(1)025A(2) T368C186(1)025A(2) T368C226(1)025A(2) T368C276(1)025A(2) T368C336(1)025A(2)	2.4 3.0 3.6 4.4 5.4 6.6	6 6 6 6					
39.0 47.0 56.0 68.0	D D D	T368D396(1)025A(2) T368D476(1)025A(2) T368D566(1)025A(2) T368D686(1)025A(2)	7.8 9.4 10.0 10.0	6 6 6					
	35	VOLT RATING AT 85°	С						
8.2 10.0 12.0 15.0 18.0 22.0	000000	T368C825(1)035A(2) T368C106(1)035A(2) T368C126(1)035A(2) T368C156(1)035A(2) T368C186(1)035A(2) T368C226(1)035A(2)	2.3 2.8 3.3 4.2 5.0 6.2	6 6 6 6					
27.0 33.0 39.0 47.0	D D D	T368D276(1)035A(2) T368D336(1)035A(2) T368D396(1)035A(2) T368D476(1)035A(2)	7.5 9.2 10.0 10.0	6 6 6					
	50	VOLT RATING AT 85°	C						
5.6 6.8 8.2 10.0 12.0 15.0	000000	T368C565(1)050A(2) T368C685(1)050A(2) T368C825(1)050A(2) T368C106(1)050A(2) T368C126(1)050A(2) T368C156(1)050A(2)	2.2 2.7 3.2 4.0 4.8 6.0	5 5 6 6 6					
18.0 22.0	D D	T368D186(1)050A(2) T368D226(1)050A(2)	7.2 8.8	6 6					

⁽¹⁾ To complete KEMET part number, insert capacitance tolerance K– \pm 10%, M– \pm 20%, or J– \pm 5% (Available on special order).

Effective June 30, 2005 T368 Series is RoHS Compliant.

⁽²⁾ To complete KEMET part number, insert lead material designation: S = SnPb (tin/lead) and T = 100% Sn (tin).

^{*} For Ordering and Marking Information refer to page 63.

TANTALUM DIPPED / 3 LEADED

T396 & T398 SERIES "ULTRADIP III"



KEMET UltraDip III Capacitors offer the advantages of solid tantalum construction and a "fail-safe" insertion mechanism. The threeleaded design (the anode is in the center) enables operators to insert the capacitors into printed circuit boards correctly without having to visually determine polarity. This timesaving device also eliminates board damage that may result from incorrect insertion.

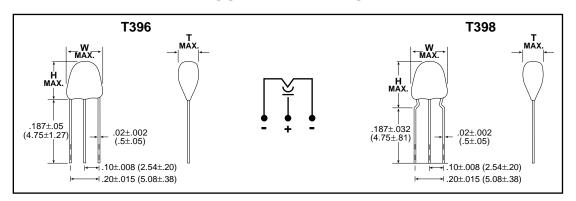
The UltraDip III Series features a capacitance range of 0.1 to 680 μ F at 3 to 50 VDC. These miniature dipped solid tantalum capacitors are encased in a tough plastic barrier coating that maintains the pre-

cise lead wire spacing within ± 0.015 inch. The gold color epoxy permits laser markings with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage and vendor I.D.

The UltraDip III Series from KEMET Capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability. These capacitors may be ordered with precut leads (see drawing for lengths) or in KEMET Capacitor ARIS packaging (leads taped and on reels) for high speed automatic insertion equipment.

Effective June 30, 2005 the T396 and T398 Series are RoHS Compliant.

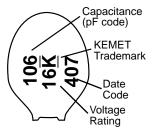
CAPACITOR OUTLINE DRAWING



DIMENSIONS—INCHES & (MILLIMETERS)

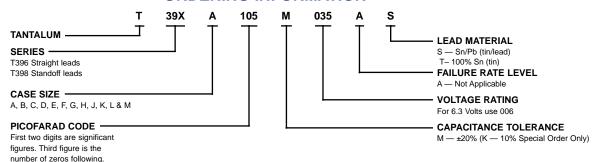
		Вс	oth	T396	T398
Series	Case	W	Т	H*	H*
	Size	Width	Thickness	Height	Height
T396/T398	Α	.280 (7.1)	.190 (4.8)	.310 (7.9)	.355 (9.0)
T396/T398	В	.280 (7.1)	.190 (4.8)	.320 (8.1)	.365 (9.3)
T396/T398	С	.280 (7.1)	.200 (5.1)	.360 (9.1)	.390 (9.9)
T396/T398	D	.280 (7.1)	.200 (5.1)	.370 (9.4)	.390 (9.9)
T396/T398	E	.280 (7.1)	.230 (5.8)	.380 (9.7)	.415 (10.5)
T396/T398	F	.280 (7.1)	.240 (6.1)	.410 (10.4)	.430 (10.9)
T396/T398	G	.280 (7.1)	.250 (6.3)	.420 (10.7)	.440 (11.2)
T396/T398	Н	.280 (7.1)	.270 (6.9)	.420 (10.7)	.440 (11.2)
T396/T398	J	.300 (7.6)	.300 (7.6)	.460 (11.7)	.480 (12.2)
T396/T398	K	.340 (8.6)	.340 (8.6)	.500 (12.7)	.500 (12.7)
T396/T398	L	.340 (8.6)	.340 (8.6)	.560 (14.2)	.580 (14.7)
T396/T398	M	.360 (9.1)	.360 (9.1)	.620 (15.7)	.620 (15.7)

CAPACITOR MARKING



*NOTE: "H" dimensions are from seating plane to top of capacitor.

ORDERING INFORMATION





TANTALUM DIPPED / 3 LEADED — POLAR

T396 & T398 SERIES "ULTRADIP III"

RATINGS & PART NUMBER REFERENCE

		IVATIII	00 a	1 / 11	MOMP			LITOL		
				MAX. DISSI-						MAX. DISSI-
				PATION						PATION
CAPAC-			D.C.	FACTOR		CAPAC-			D.C.	FACTOR
ITANCE	CASE	WEATER DADT AUGADED	LEAKAGE	%@25°C,		ITANCE	CASE	WENNET DADT NUMBER	LEAKAGE	%@25°C,
μF	SIZE	KEMET PART NUMBER	μA@25°C	120Hz	_	μF	SIZE	KEMET PART NUMBER	μA@25°C	120Hz
	3 \	OLT RATING AT 85°C	_				6.3	VOLT RATING AT 85°C	: —	
			4	VOLT RATING AT 125°	С					
4.7	Α	T39(1)A475(2)003A(3)	0.5	5		3.3	Α	T39(1)A335(2)006A(3)	0.5	5
6.8	Α	T39(1)A685(2)003A(3)	0.5	5		4.7	Α	T39(<u>1</u>)A475(2)006A(3)	0.5	5
10.0	Α	T39(<u>1</u>)A106(2)003A(3)	0.5	6		6.8	Α	T39(<u>1</u>)A685(2)006A(3)	0.5	5
15.0	В	T39(<u>1</u>)B156(2)003A(3)	0.5	6		10.0	В	T39(<u>1</u>)B106(2)006A(3)	0.5	6
22.0	C	T39(1)C226(2)003A(3)	0.5	6		15.0	C	T39(1)C156(2)006A(3)	0.7	6
33.0	D E	T39(1)D336(2)003A(3) T39(1)E476(2)003A(3)	0.8	6 6		22.0 33.0	D E	T39(1)D226(2)006A(3) T39(1)E336(2)006A(3)	1.1	6 6
47.0 68.0	F	T39(1)F686(2)003A(3)	1.1 1.6	6		47.0	F	T39(1)F476(2)006A(3)	1.6 2.3	6
100.0	Ġ	T39(1)G107(2)003A(3)	2.4	8		68.0	Ġ	T39(1)G686(2)006A(3)	3.3	6
150.0	Ĥ	T39(1)H157(2)003A(3)	3.6	8		100.0	Ĥ	T39(1)H107(2)006A(3)	4.8	8
220.0	J	T39(1)J227(2)003A(3)	5.3	8	-	150.0	J	T39(1)J157(2)006A(3)	7.2	8
330.0	K	T39(1)K337(2)003A(3)	7.9	8		220.0	K	T39(1)K227(2)006A(3)	10.0	8
470.0	l È	T39(1)L477(2)003A(3)	10.0	9		330.0	l È	T39(1)L337(2)006A(3)	10.0	8
680.0	M	T39(1)M687(2)003A(3)		9			_	(=)		
	10	VOLT RATING AT 85°C					16	VOLT RATING AT 85°C		
	7	VOLT RATING AT 125°	С					VOLT RATING AT 125		
2.2	Α	T39(1)A225(2)010A(3)	0.5	5		1.5	Α	T39(1)A155(2)016A(3)	0.5	5
3.3	Α	T39(<u>1</u>)A335(<u>2</u>)010A(3)	0.5	5		2.2	Α	T39(1)A225(2)016A(3)	0.5	
4.7	Α	T39(<u>1</u>)A475(<u>2</u>)010A(3)	0.5	5		3.3	Α	T39(<u>1</u>)A335(<u>2</u>)016A(3)	0.5	5
6.8	В	T39(<u>1</u>)B685(<u>2</u>)010A(3)	0.5	5		4.7	В	T39(<u>1</u>)B475(<u>2</u>)016A(3)	0.6	5 5 5 5 6
10.0	ç	T39(1)C106(2)010A(3)	0.8	6		6.8	č	T39(1)C685(2)016A(3)	0.9	5
15.0 22.0	E E	T39(1)E156(2)010A(3)	1.2 1.8	6 6		10.0 15.0	E E	T39(1)E106(2)016A(3) T39(1)E156(2)016A(3)	1.3 1.8	
33.0	F	T39(1)E226(2)010A(3) T39(1)F336(2)010A(3)	2.6	6		22.0	F	T39(1)F226(2)016A(3)	2.6	6 6
47.0	Н	T39(1)H476(2)010A(3)	3.8	6		33.0	Ь'n	T39(1)H336(2)016A(3)	4.0	6
68.0	Н	T39(1)H686(2)010A(3)	5.4	6	-			T39(1)J476(2)016A(3)		6
100.0	J	T39(1)J107(2)010A(3)	8.0	8		47.0 68.0	J K	T39(1)K686(2)016A(3)	5.6 8.2	6
150.0	ĸ	T39(1)K157(2)010A(3)	10.0	8		100.0	Ĺ	T39(1)L107(2)016A(3)	10.0	8
220.0	ì	T39(<u>1</u>)L227(<u>2</u>)010A(3)	10.0	8		150.0	M	T39(<u>1</u>)M157(<u>2</u>)016A(3)		8
	20	VOLT RATING AT 85°C	_				25	VOLT RATING AT 85°C		
	13	VOLT RATING AT 125	°C				16.	5 VOLT RATING AT 12	5°C	
1.0	Α	T39(1)A105(2)020A(3)	0.5	3		1.0	Α	T39(1)A105(2)025A(3)	0.5	3
1.5	Α	T39(<u>1</u>)A155(<u>2</u>)020A(3)	0.5	5		1.5	Α	T39(<u>1</u>)A155(<u>2</u>)025A(3)	0.5	5
2.2	Α	T39(<u>1</u>)A225(<u>2</u>)020A(3)	0.5	5		2.2	В	T39(<u>1</u>)B225(<u>2</u>)025A(3)	0.5	5 5 5
3.3	В	T39(<u>1</u>)B335(<u>2</u>)020A(3)	0.5	5		3.3	В	T39(<u>1</u>)B335(<u>2</u>)025A(3)	0.7	5
4.7	C	T39(1)C475(2)020A(3)	0.8	5		4.7	Č	T39(1)C475(2)025A(3)	0.9	5
6.8 10.0	D E	T39(1)D685(2)020A(3) T39(1)E106(2)020A(3)	1.1 1.6	5 6		6.8 10.0	E E	T39(1)E685(2)025A(3) T39(1)E106(2)025A(3)	1.4 2.0	5 6
15.0	F	T39(1)F156(2)020A(3)	2.4	6		15.0	Ğ	T39(1)G156(2)025A(3)	3.0	6
22.0	Ġ	T39(1)G226(2)020A(3)	3.5	6		22.0	H	T39(1)H226(2)025A(3)	4.4	6
33.0	J	T39(<u>1</u>)J336(<u>2</u>)020A(3)	5.3	6	-	33.0	J		6.6	6
47.0	К	T39(1)K476(2)020A(3)	7.5	6		47.0	K	T39(<u>1</u>)J336(<u>2</u>)025A(3) T39(<u>1</u>)K476(<u>2</u>)025A(3)	6.6 9.4	6
68.0	L	T39(1)L686(2)020A(3)	10.0	6		68.0	L	T39(1)L686(2)025A(3)	10.0	6
100.0	M	T39(<u>1</u>)M107(<u>2</u>)020A(3)	10.0	8	L					
		VOLT RATING AT 85°C						VOLT RATING AT 85°C		
	23	VOLT RATING AT 125	°C				33	VOLT RATING AT 125	°C	
0.10	Α	T39(<u>1</u>)A104(<u>2</u>)035A(3)	0.5	3		0.10	Α	T39(<u>1</u>)A104(<u>2</u>)050A(3)	0.5	3
0.15	A	T39(1)A154(2)035A(3)	0.5	3		0.15	A	T39(1)A154(2)050A(3)	0.5	3
0.22	A	T39(1)A224(2)035A(3)	0.5	3		0.22	A	T39(1)A224(2)050A(3)	0.5	3
0.33 0.47	A A	T39(<u>1</u>)A334(<u>2</u>)035A(3) T39(<u>1</u>)A474(<u>2</u>)035A(3)	0.5 0.5	3 3		0.33 0.47	A B	T39(1)A334(2)050A(3) T39(1)B474(2)050A(3)	0.5 0.5	3
0.47	A	T39(1)A684(2)035A(3)	0.5	3		0.47	В	T39(1)B684(2)050A(3)	0.5	3
1.0	A	T39(1)A105(2)035A(3)	0.5	3		1.0	В	T39(1)B105(2)050A(3)	0.5	3
1.5	В	T39(1)B155(2)035A(3)	0.5	5		1.5	Е	T39(1)E155(2)050A(3)	0.6	5
2.2	С	T39(<u>1</u>)C225(<u>2</u>)035A(3)	0.6	5		2.2	E	T39(<u>1</u>)E225(<u>2</u>)050A(3)	0.9	5
3.3	D	T39(<u>1</u>)D335(<u>2</u>)035A(3)	0.9	5		3.3	F	T39(1)F335(2)050A(3)	1.3	3 3 3 3 5 5 5 5
4.7	E F	T39(1)E475(2)035A(3)	1.3	5		4.7	G	T39(<u>1</u>)G475(<u>2</u>)050A(3)	1.9	
6.8 10.0	G G	T39(1)F685(2)035A(3)	1.9 2.8	5 6		6.8	J	T39(<u>1</u>)J685(<u>2</u>)050A(3)	2.7	5
		T39(1)G106(2)035A(3)				10.0	K	T39(1)K106(2)050A(3)	4.0	6
15.0	J	T39(1)J156(2)035A(3)	4.2	6		15.0	L	T39(1)L156(2)050A(3)	6.0	6
22.0 33.0	K L	T39(1)K226(2)035A(3) T39(1)L336(2)035A(3)	6.2 9.2	6 6		22.0	М	T39(<u>1</u>)M226(<u>2</u>)050A(3)	8.8	6
47.0	М	T39(1)M476(2)035A(3)		6						
		(<u>-</u> , <u>0(=</u> ,000; ((0)	1	۱ ,				I		1

⁽¹⁾ To complete KEMET Part Number, insert Series Designation as follows: "6" = T396, "8" = T398.

(2) To complete KEMET Part Number, insert Capacitance Tolerance Symbol as follows: "M" = ±20%, "K" = ±10%.

(3) To complete KEMET Part Number, insert Lead Material Designation: S = SnPb (tin/lead) and T = 100% Sn (tin).

NOTE: Higher voltage/tigher tolerance products may be shipped, at KEMET's option, within the same case size.



PACKAGING INFORMATION

KEMET offers Solid Tantalum Capacitors fully compatible for use with automatic insertion machines for radial-lead components. Aris Reeling meets all requirements of EIA Standard RS-468. KEMET capacitors are wound on a precision made ARIS Reel Package. ARIS Ammo Package is also available.

Tantalum Dipped Radial – ARIS Specification (Automatic Radial Insertion System)

Tantalum Dipped Tape and Reel Dimensions in Millimeters & (Inches)

Dimension	Symbol	Nominal mm (inch)	Tolerance mm (inch)	Dimension	Symbol	Nominal mm (inch)	Tolerance mm (inch)
Body Height (1)	А	17.0 (0.67)	Maximum	Component Pitch (5)	Р	12.7 (.500)	± 1.0 (± .039)
Body Width (1)	A ₁	10.2 (0.40)	Maximum	Sprocket Hole Pitch (2)	P ₀	12.7 (.500)	± 0.3 (±.012)
Sprocket Hole Diameter	D ₀	4.0 (.157)	± 0.3 (±.012)	Sprocket Hole Center to Lead	P ₁	See Note Below	± 0.7 (±.028)
Lead Diameter	d	0.51 or 0.64 (.020) (.025)	± 0.05 (.002)	Center (3) (4) Sprocket Hole Center	P ₂	See Note	
Lead Center (4)	F	See Note Below		to Component (5) Center		Below	
Component Base to Tape Center (4)	Н	C-7301 C-7303 16.0 (.630) 18.0 (.709)	C-7301 C-7303 ±0.5 (±.020) Minimum	Body Thickness	T ₀	10.2 (.400)	Maximum
Lead Standoff Height	H ₀	C-7301 C-7303 16.0 (.630) 18.0 (.709)	C-7301 C-7303 ±0.5 (±.020) Minimum	Total Tape Thickness Carrier Tape Width	T W	0.7 (0.28) 18.0 (.709)	± .02 (.008) + 1.0/-0.5
Component Height Above Tape Center	H ₁	32.25 (1.270)	Maximum	Hold-Down Tape	Wo	15mm or 6mm	(+.039/020) + 1.0/-0.8
Component Alignment Front to Rear	ΔН	0	1.0 (.039)	Width Sprocket Hole	W ₁	(.561) (.236) 9.0 (.354)	(+.039/031) +.075/-0.5
Cut Out Length	L	11.0 (.433)	Maximum	Location Hold-Down Tape	W ₂	12mm (.472)	(+.030/020) Maximum
Lead Protrustion	L ₁	1.0 (.039)	Maximum	Location	''2		, , , , , , , , , , , , , , , , , , ,

Notes: (1) See page 62 for T35X and page 69 for T39X specific dimensions.

(2) Cumulative pitch error ± 1.0mm (.039) maximum in 20 consecutive sprocket hole locations.

(3) Measured at bottom of standoff.

(4) P₁ and F measured at egress from carrier tape.

(5) P and P₂ measured at egress from carrier tape.



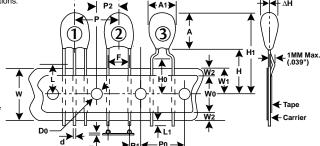
+ Lead spacings are 3.18mm (.125") center-to-center

P1 Dimensions: F Dimensions: 0.100" ± .015 0.125" ± .015 0.200" ± .015 0.250" ± .015 0.100 " ± .015 (3 leaded) Lead Spacing 0 100

 $\begin{array}{c} 0.200 \pm .028" \\ 0.187 \pm .028" \\ 0.150 \pm .028" \\ 0.125 \pm .028" \end{array}$ 0.125" 0.200" 0.250 0.100 0.100 ± .028" (3 leaded) ① T396/8* ② T350/1*

③ T352/3/6**

④ T354# ⑤ T355+



Tantalum Molded Radial – ARIS Specification (Automatic Radial Insertion System)

Tantalum Molded Tape and Reel Dimensions in Millimeters & (Inches)

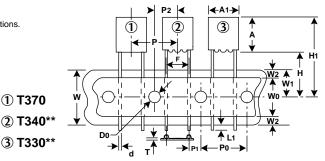
Dimension	Symbol	Nominal mm (inch)	Tolerance mm (inch)	Dimension	Symbol	Nominal mm (inch)	Tolerance mm (inch)
Body Height (1)	Α	10.50 (.413)	± .38 (±.015) Maximum	Component Pitch (5)	Р	12.7 (.500)	± 1.0 (± .039)
Body Width (1)	A ₁	15.24 (.600)	Maximum ± .38 ± (.015)	Sprocket Hole Pitch (3)	P ₀	12.7 (.500)	± 0.3 (±.012)
Sprocket Hole Diameter Lead Diameter	D ₀	4.0 (.157) 0.51 or 0.64	± 0.3 (± .012) ± 0.05 or ± .03	Sprocket Hole Center to Lead Center (4) (5)	P ₁	3.85 4.76 5.1 (.152) (.188) (.201)	± 0.7 (±.028)
Lead Center (5)	F	(.020) (.025) 5.0 2.5	(± .001) + 0.8/ - 0.2	Sprocket Hole Center to Component Center	P ₂	6.35 (.250)	± 1.3 (±.051)
Component Base		(.197) (.098) 16.0 - 21.0	(+ .032/008) Reference Only	Body Thickness	T ₀	6.35 (.250)	± 1.3 Maximum
to Tape Center (2)(4)(6)	1	(.630827) N/A	Traidional Only	Total Tape Thickness	Т	0.7 (0.28)	± .02 (±.008)
Height				Carrier Tape Width	W	18.0 (.709)	+ 1.0/-0.5
Component Height Above Tape Center	H ₁	32.25 (1.270)	Maximum	Hold-Down Tape	W ₀	15 or 6	(+.039/020) + 1.0/-0.8
Component Alignment Front to Rear	ΔΗ	0	± 2.0 (± .079)	Width Sprocket Hole	W ₁	(.561) (.236) 9.0 (.354)	(+.039/.031) +.075/-0.5
Cut Out Length	L	11.0 (.433)	Maximum	Location Hold-Down Tape	W ₂	3.0 or 12.0	(+.030/020) Maximum
Lead Protrustion	L ₁	2.0 (.079)	Maximum	Location		(.118) (.472)	

See page 50 for T330, page 53 for T340 and page 59 for T35X specific dimensions.

Reference Only
Cumulative pitch error ± 1.0mm (.039") maximum in 20 consecutive sprocket hole locations.
Measured at bottom of standoff.

(5) P, P1 and F measured at egress from carrier tape. (6) H dimensions for T370 D and E 16.5mm ± 0.5mm (0.650" ± 0.020")

On polar devices, the positive (+) lead exits from container first.
* Lead spacings are 2.5mm (.098") center-to center
** Lead spacings are 5.0mm (.197") center-to-center.



PACKAGING INFORMATION



KEMET(1) Number	Military Style	Military Specification	Case Size	Standard Bulk(2) Quantity	Standard Reel Quantity	Reel Size	Standard Reeling Spec.	Ammo Pack Quantity	Ammo Pack Spec.
T110/T212,	CSR13	MIL-C-39003/1	Α	150/Box	3500	12"	C-7200	1500	C-7293
T140/T242,	CSR23	MIL-C-39003/3	В	75/Box	2500	12"	C-7200	1000	Class
T252,	CSR33	MIL-C-39003/6	С	20/Tray	500	12"	C-7200	250	C-7442
T262	CSR21	MIL-C-39003/9	D	20/Tray	400	12"	C-7200	250	Class I
				-					C-7443
									Class I
									See Page 7
									for class inf
T111/T213	CSR91	MIL-C-39003/4	Α	60/Box	3000	12"	C-7200	N/A	N/A
			В	30/Box	2000	12"	C-7200		
			С	10/Card	N/A	N/A	N/A		
			D	10/Card	N/A	N/A	N/A		
T210,			Α	40/Tray	3500	12"	C-7200	N/A	N/A
T216,	CSS13	MIL-C-39003/10	В	30/Tray	2500	12"	C-7200	N/A	N/A
T240,			С	20/Tray	500	12"	C-7200	N/A	N/A
T256	CSS33	MIL-C-39003/10	D	20/Tray	400	12"	C-7200	N/A	N/A
T222	CSR09	MIL-C-39003/2	A/B	50/Tray	N/A	N/A	N/A	N/A	N/A
			Α	300/Box	N/A	N/A	N/A	N/A	
			В	150/Box					
T322/T323	CX01,	MIL-C-49137/1 & 5	Α	300	4500	12"	C-7200	2000	C-729
	CX05		В	250	4000	12"	C-7200	2000	Class
			С	100	2500	12"	C-7200	1000	C-7442
			D	100	2500	12"	C-7200	1000	Class
			Е	100	500	12"	C-7200	250	C-744
			F	100	500	12"	C-7200	250	Class I
T330			Α	400	1000	12"	C-7301	1600	occ r age
			В	300	1000	12"	C-7301	1200	
			С	200	1000	12"	C-7301	1200	
			D	100	N/A	N/A	N/A	N/A	
T340			Α	300	1000	12"	C-7301	1600	
			В	300	1000	12"	C-7301	1500	
			С	200	1000	12"	C-7301	1500	
			D	100	250	12"	C-7301	450	
			Е	50	150	12"	C-7301	N/A	
			F	100	N/A	N/A	N/A	N/A	
T350,			Α	1000	1500	12"	C-7301/7303	2500	
T351,			В	1000	1500	12"	C-7301/7303	2500	
T352,			С	1000	1500	12"	C-7301/7303	2500	
T353,			D	1000	1000	12"	C-7301/7303	2000	
T354,			E	1000	1000	12"	C-7301/7303	2000	
T355,			F	500	1000	12"	C-7301/7303	1500	
T356			G	500	1000	12"	C-7301/7303	1500	
			Н	500	800	12"	C-7301/7303	1500	
			J	100	800	12"	C-7301/7303	800	
			K	100	500	12"	C-7301/7303	800	
			L, M	100	500	12"	See Page 72	500	

 $\textbf{NOTE:} \quad \textbf{(1) Each KEMET number in its section applies to all case sizes}.$

(2) Standard packaging refers to number of pieces per bag, box, tray or vial.



PACKAGING INFORMATION

	TANTALUM PACKAGING (Continued)										
KEMET(1) Number	Military Style	Military Specification	Case Size	Standard Bulk(2) Quantity	Standard Reel Quantity	Reel Size	Standard Reeling Spec.	Ammo Packs			
T363	CX02	MIL-C-49137/2	А	1000	1500	12"	C-7301/7303	2500			
			В	1000	1500	12"	C-7301/7303	2000			
			С	500	500	12"	C-7301/7303	800			
			D	500	500	12"	See Page 72	800			
T368			С	500	500	12"	C-7301/7303	800			
			D	500	500	12"	C-7301/7303	800			
T369	CX12	MIL-C-49137/2	Α	1000	1500	12"	C-7301/7303	2500			
			В	1000	1500	12"	C-7301/7303	2000			
T370			С	500	N/A	N/A	N/A	N/A			
			D	500	1000	12"	C-7301	N/A			
			E	500	1000	12"	C-7301	N/A			
			F	250	N/A	N/A	N/A	N/A			
T378	CX06	MIL-C-49137/6	D	200	1000	12"	C-7301	N/A			
			Е	180	1000	12"	C-7301	N/A			
			F	50	N/A	N/A	N/A	N/A			
T396,			A-B	1000	1500	12"	C-7301/7303	2000			
T398			С	500	1500	12"	C-7301/7303	2000			
			D-F	500	1000	12"	C-7301/7303	1500			
			G	500	1000	12"	C-7301/7303	2000			
			Н	500	800	12"	C-7301/7303	2000			
			J	250	800	12"	C-7301/7303	1600			
			K	250	500	12"	C-7301/7303	800			
			L-M	250	500	12"	C-7301/7303	500			

NOTE: (1) Standard packaging refers to number of pieces per bag, box, tray or vial.

(2) Quantity varies. For further details, please consult the factory.