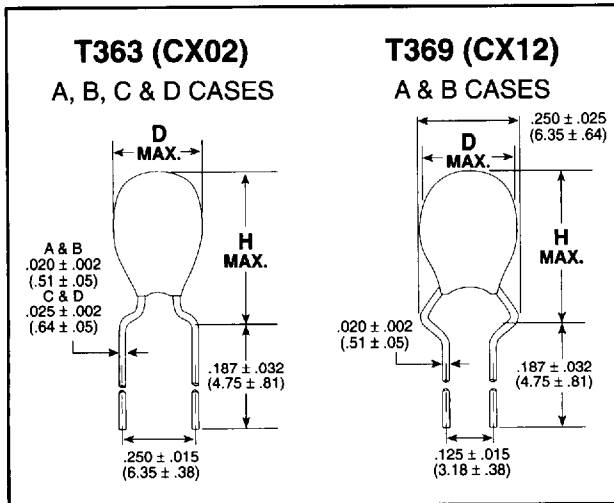


Product manufactured to the requirements of MIL-C-49137 satisfy all the performance characteristics of the UltraDip II. The performance characteristics meet or exceed the requirements of MIL-C-49137.

In addition to the standard process testing done on the UltraDip II, all product supplied to MIL-C-49137 is sampled on a lot by lot basis for Group A and Group B inspection to insure compliance. Product

supplied per MIL-C-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

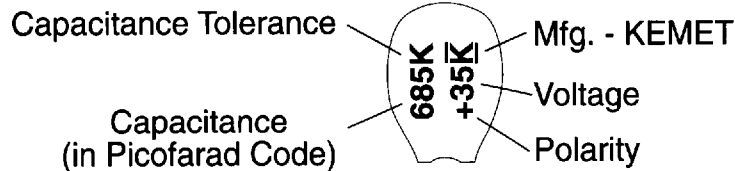


DIMENSIONS — INCHES & (MILLIMETERS)

T363 A-D CASE
T369 A&B CASE ONLY

CASE SIZE	D MAX	H MAX
A	0.175 (4.45)	0.350 (8.89)
B	0.250 (6.35)	0.450 (11.43)
C	0.350 (8.89)	0.610 (15.49)
D	0.400 (10.16)	0.740 (18.80)

MIL-C-49137 MARKING INFORMATION



MIL-C-49137/2 ORDERING INFORMATION

TYPE _____ **CX** **02** **D** **225** **K**

Capacitors, Fixed, Solid Tantalum
Conformal Coated, Non-hermetically Sealed.

STYLE _____
02 (T363) A, B, C & D Cases
12 (T369) A & B Cases Only

VOLTAGE _____

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

CAPACITANCE TOLERANCE

Symbol	Capacitance Tolerance Percent (±)
K	10
M	20

CAPACITANCE IN PICORARAD CODE
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.

*For KEMET Ordering Information, see page 63.

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	CX02 (T363) MILITARY PART NUMBER	CX12 (T369) MILITARY PART NUMBER
6 VOLT RATING AT 85°C							
6.8	A	10, 20	T36(1)A685(2)006AS	0.5	6	CX02D685(2)	CX12D685(2)
47.0	B	10, 20	T36(1)B476(2)006AS	2.3	6	CX02D476(2)	CX12D476(2)
68.0	B	10, 20	T36(1)B686(2)006AS	3.3	6	CX02D686(2)	CX12D686(2)
150.0	C	10, 20	T363C157(2)006AS	7.2	8	CX02D157(2)	
330.0	D	10, 20	T363D337(2)006AS	10.0	8	CX02D337(2)	
10 VOLT RATING AT 85°C							
4.7	A	10, 20	T36(1)A475(2)010AS	0.5	5	CX02F475(2)	CX12F475(2)
33.0	B	10, 20	T36(1)B336(2)010AS	2.6	6	CX02F336(2)	CX12F336(2)
100.0	C	10, 20	T363C107(2)010AS	8.0	8	CX02F107(2)	
220.0	D	10, 20	T363D227(2)010AS	10.0	8	CX02F227(2)	
15 VOLT RATING AT 85°C							
3.3	A	10, 20	T36(1)A335(2)015AS	0.5	5	CX02H335(2)	CX12H335(2)
22.0	B	10, 20	T36(1)B226(2)015AS	2.6	6	CX02H226(2)	CX12H226(2)
68.0	C	10, 20	T363C686(2)015AS	8.2	6	CX02H686(2)	
150.0	D	10, 20	T363D157(2)015AS	10.0	8	CX02H157(2)	
20 VOLT RATING AT 85°C							
2.2	A	10, 20	T36(1)A225(2)020AS	0.5	5	CX02J225(2)	CX12J225(2)
15.0	B	10, 20	T36(1)B156(2)020AS	2.4	6	CX02J156(2)	CX12J156(2)
47.0	C	10, 20	T363C476(2)020AS	7.5	6	CX02J476(2)	
100.0	D	10, 20	T363D107(2)020AS	10.0	8	CX02J107(2)	
25 VOLT RATING AT 85°C							
1.5	A	10, 20	T36(1)A155(2)025AS	0.5	5	CX02K155(2)	CX12K155(2)
10.0	B	10, 20	T36(1)B106(2)025AS	2.0	6	CX02K106(2)	CX12K106(2)
33.0	C	10, 20	T363C336(2)025AS	6.6	6	CX02K336(2)	
68.0	D	10, 20	T363D686(2)025AS	10.0	6	CX02K686(2)	
35 VOLT RATING AT 85°C							
6.8	B	10, 20	T36(1)B685(2)035AS	1.9	5	CX02M685(2)	CX12M685(2)
22.0	C	10, 20	T363C226(2)035AS	6.2	6	CX02M226(2)	
33.0	D	10, 20	T363D336(2)035AS	9.2	6	CX02M336(2)	
47.0	D	10, 20	T363D476(2)035AS	10.0	6	CX02M476(2)	
50 VOLT RATING AT 85°C							
0.1	A	10, 20	T36(1)A104(2)050AS	0.5	3	CX02N104(2)	CX12N104(2)
0.15	A	10, 20	T36(1)A154(2)050AS	0.5	3	CX02N154(2)	CX12N154(2)
0.22	A	10, 20	T36(1)A224(2)050AS	0.5	3	CX02N224(2)	CX12N224(2)
0.33	A	10, 20	T36(1)A334(2)050AS	0.5	3	CX02N334(2)	CX12N334(2)
0.47	A	10, 20	T36(1)A474(2)050AS	0.5	3	CX02N474(2)	CX12N474(2)
0.68	A	10, 20	T36(1)A684(2)050AS	0.5	3	CX02N684(2)	CX12N684(2)
1.0	A	10, 20	T36(1)A105(2)050AS	0.5	3	CX02N105(2)	CX12N105(2)
1.5	B	10, 20	T36(1)B155(2)050AS	0.6	5	CX02N155(2)	CX12N155(2)
2.2	B	10, 20	T36(1)B225(2)050AS	0.9	5	CX02N225(2)	CX12N225(2)
3.3	B	10, 20	T36(1)B335(2)050AS	1.3	5	CX02N335(2)	CX12N335(2)
4.7	B	10, 20	T36(1)B475(2)050AS	1.9	5	CX02N475(2)	CX12N475(2)
6.8	C	10, 20	T363C685(2)050AS	2.7	5	CX02N685(2)	
10.0	C	10, 20	T363C106(2)050AS	4.0	6	CX02N106(2)	
15.0	C	10, 20	T363C156(2)050AS	6.0	6	CX02N156(2)	
22.0	D	10, 20	T363D226(2)050AS	8.8	6	CX02N226(2)	

(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%

**T363/T369 & T368 Series
Tantalum Dipped / Radial**