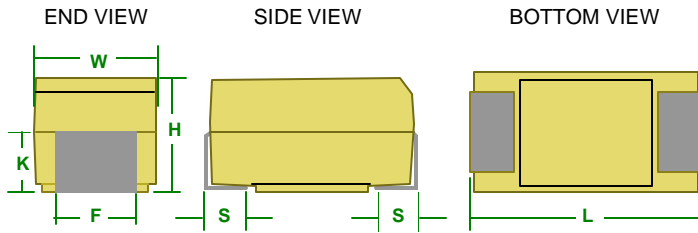


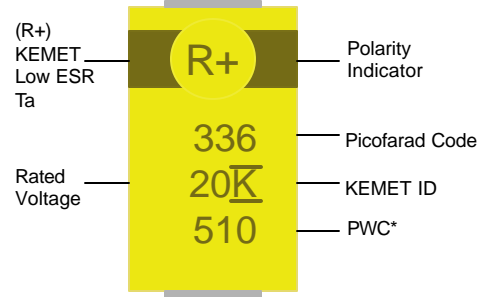
# T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 2-24-06

## Component Outline Drawing



## Component Marking



\* 510 = 10<sup>th</sup> week of 2005

Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.3
KEMET	EIA						
B	3528-21	3.5±0.2	2.8±0.2	1.9±0.2	0.9	2.2	0.8
C	6032-28	6.0±0.3	3.2±0.3	2.5±0.3	1.2	2.2	1.3
D	7343-31	7.3±0.3	4.3±0.3	2.8±0.3	1.3	2.4	1.3
X	7343-43	7.3±0.3	4.3±0.3	4.0±0.3	2.1	2.4	1.3
E	7360-38	7.3±0.3	6.0±0.3	3.6±0.2	2.1	4.1	1.3
V	7343-20	7.3±0.3	4.3±0.3	2.0 max	0.9	2.4	1.3

## Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap	Voltage	DCL V <sub>R</sub>	DF 120Hz	ESR, 100kHz mΩ	Ripple Current (mArms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T495V157/006A*E070	V/7343-20	150 μF	6.3 V	9.0 μA	8.0 %	70	1336	1203	535
T495X227/006A*E070	X/7343-43	220 μF	6.3 V	13.2 μA	8.0 %	70	1535	1381	614
T495V686/010A*E070	V/7343-20	68 μF	10 V	6.8 μA	6.0 %	70	1336	1203	535
T495X227/010A*E045	X/7343-43	220 μF	10 V	22.0 μA	8.0 %	45	1915	1723	766
T495E337/010A*E040	E/7360-38	330 μF	10 V	33.0 μA	8.0 %	40	2236	2012	894
T495B156/016A*E800	B/3528-21	15 μF	16 V	2.4 μA	6.0 %	800	326	293	130
T495C476/016A*E350	C/6032-28	47 μF	16 V	7.5 μA	6.0 %	350	561	505	224
T495E227/016A*E150	E/7360-38	220 μF	16 V	35.2 μA	7.2 %	150	1155	1039	462
T495E227/016A*E100	E/7360-38	220 μF	16 V	35.2 μA	7.2 %	100	1414	1273	566
T495B106/020A*E1K0	B/3528-21	10 μF	20 V	2.0 μA	6.0 %	1000	292	262	117
T495B474/035A*E2K2	B/3528-21	0.47 μF	35 V	0.5 μA	4.0 %	2200	197	177	79
T495B105/035A*E1K7	B/3528-21	1.0 μF	35 V	0.5 μA	4.0 %	1700	224	201	89
T495B225/035A*E1K5	B/3528-21	2.2 μF	35 V	0.8 μA	6.0 %	1500	238	214	95

(1) Insert M for +/-20% or K for +/-10%

\* Insert "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb) termination