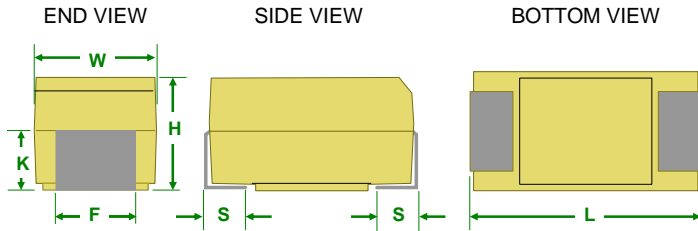
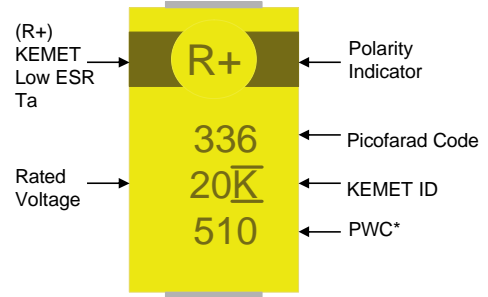


**T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor**  
**Product Specification – 6-30-06**

**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						
A	3216-18	3.2±0.2	1.6±0.2	1.6±0.2	0.7	1.2	0.8
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
T495V686(1)004A(2)E150	V/7343-20	68 μF	4 V	2.7 μA	6 %	150	913	822	365
T495E108(1)004A(2)E035	E/7360-38	1000 μF	4 V	40 μA	15 %	35	2390	2151	956
T495B476(1)006A(2)E450	B/3528-21	47 μF	6.3 V	3.0 μA	6 %	450	435	392	174
T495V476(1)006A(2)E150	V/7343-20	47 μF	6.3 V	3.0 μA	6 %	150	913	822	365
T495A475(1)010A(2)E1K3	A/3216-18	4.7 μF	10 V	0.5 μA	6 %	1300	240	216	96
T495B156(1)010A(2)E500	B/3528-21	15 μF	10 V	1.5 μA	6 %	500	412	371	165
T495B336(1)010A(2)E450	B/3528-21	33 μF	10 V	3.3 μA	6 %	450	435	392	174
T495V336(1)010A(2)E100	V/7343-20	33 μF	10 V	3.3 μA	6 %	100	1118	1006	447
T495V336(1)010A(2)E150	V/7343-20	33 μF	10 V	3.3 μA	6 %	150	913	822	365
T495B475(1)016A(2)E700	B/3528-21	4.7 μF	16 V	0.8 μA	6 %	700	348	313	139
T495X157(1)016A(2)E075	X/7343-43	150 μF	16 V	24.0 μA	8 %	75	1483	1335	593
T495A105(1)020A(2)E3K0	A/3216-18	1.0 μF	20 V	0.2 μA	4 %	3000	158	142	63
T495X107(1)020A(2)E150	X/7343-43	100 μF	20 V	20.0 μA	8 %	150	1049	944	420
T495A105(1)035A(2)E3K0	A/3216-18	1.0 μF	35 V	0.4 μA	4 %	3000	158	142	63
T495B335(1)035A(2)E900	B/3528-21	3.3 μF	35 V	1.2 μA	6 %	900	307	276	123

(1) To complete KEMET part number, insert "K" for +/- 10% or "M" for +/- 20% capacitance tolerance

(2) To complete KEMET part number, insert lead material designator "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb) termination