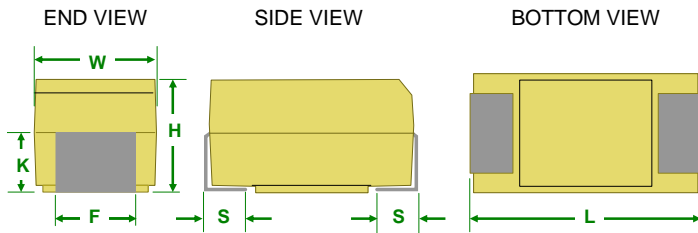
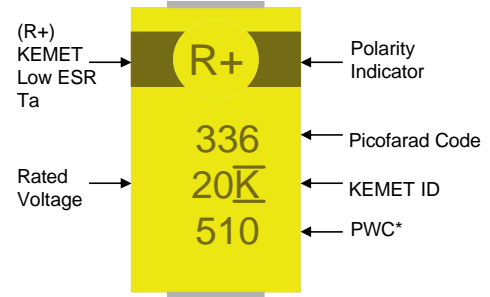


**T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor**  
**Product Specification – 10-1-06**

**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 (µF)	Voltage	DCL V <sub>R</sub> (µA)	DF 120Hz (%)	ESR, 100kHz (mW)	Ripple Current (mArms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T495E477(1)006A(2)E040	E/7360-38	470	6.3	29.6	12	40	2236	2012	894
T495D107(1)010A(2)E050	D/7343-31	100	10	10	8	50	1732	1559	693
T495D157(1)010A(2)E050	D/7343-31	150	10	15	8	50	1732	1559	693
T495D157(1)010A(2)E060	D/7343-31	150	10	15	8	60	1581	1423	632
T495D157M016A(2)E100	D/7343-31	150	16	24	8	100	1224	1102	489
T495D157M016A(2)E125	D/7343-31	150	16	24	8	125	1095	985	438
T495D157M016A(2)E150	D/7343-31	150	16	24	8	150	1000	900	400
T495X227(1)016A(2)E100	X/7343-43	220	16	35.2	8	100	1284	1156	513
T495D476(1)020A(2)E075	D/7343-31	47	20	9.4	6	75	1414	1272	565
T495C335(1)035A(2)E525	C/6032-28	3.3	35	1.1	6	525	457	411	182
T495C335(1)035A(2)E550	C/6032-28	3.3	35	1.1	6	550	447	402	178
T495D226(1)035A(2)E125	D/7343-31	22	35	7.7	6	125	1095	985	438
T495D685(1)050A(2)E190	D/7343-31	6.8	50	3.4	6	190	888	799	355
T495D685(1)050A(2)E200	D/7343-31	6.8	50	3.4	6	200	866	779	346
T495X106(1)050A(2)E250	X/7343-43	10	50	5.0	8	250	774	697	309

(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