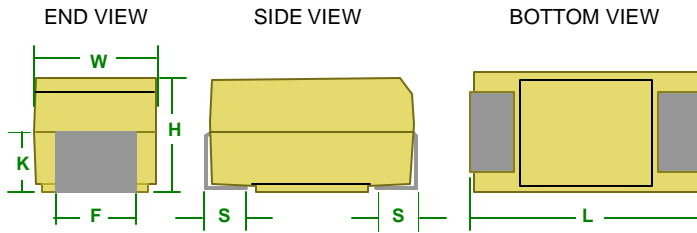
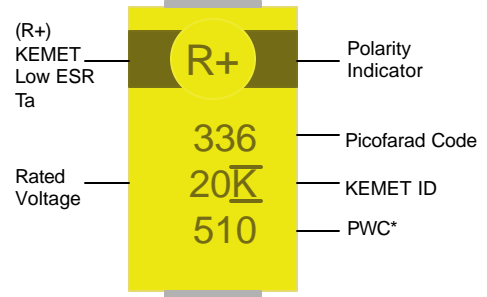


T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor
Preliminary Product Specification – 4-28-06

Component Outline Drawing



Component Marking



* 510 = 10th 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 _R	DF 120Hz	ESR, 100kHz mΩ	Ripple Current (mArms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T495B107(1)006A*E400	B/3528-21	100 μF	6.3 V	6.3 μA	15 %	400	461	415	184
T495D227(1)006A*E045	D/7343-31	220 μF	6.3 V	13.2 μA	8 %	45	1826	1643	730
T495E337(1)006A*E060	E/7360-38	330 μF	6.3 V	20.8 μA	8 %	60	1826	1643	730
T495E337(1)006A*E100	E/7360-38	330 μF	6.3 V	20.8 μA	8 %	100	1414	1273	566
T495E108(1)006A*E050	E/7360-38	1000 μF	6.3 V	63 μA	15 %	50	2000	1800	800
T495A685(1)010A*E1K8	A/3216-18	6.8 μF	10 V	0.7 μA	6 %	1800	204	184	82
T495A475(1)016A*E2K0	A/3216-18	4.7 μF	16 V	0.8 μA	6 %	2000	194	174	77
T495A335(1)016A*E3K0	A/3216-18	3.3 μF	16 V	0.5 μA	6 %	3000	158	142	63
T495A474(1)025A*E4K5	A/3216-18	0.47 μF	25 V	0.5 μA	4 %	4500	129	116	52

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