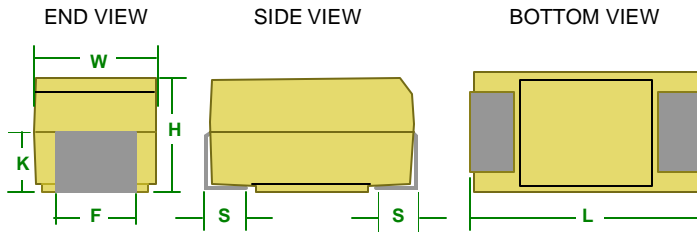


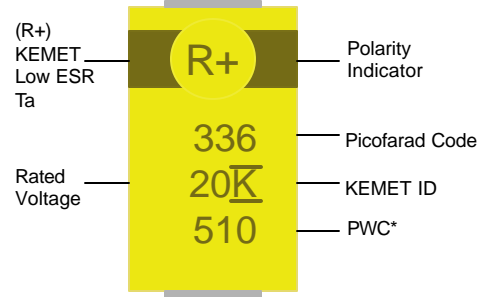
T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 9-30-05

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						
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
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	Ripple Current (mArms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T495C337(1)004A* E300	C/3062-28	330 µF	4.0 V	13.2 µA	10 %	300 mΩ	606	545	242
T495B475(1)010A* E1K3	B/3528-21	4.7 µF	10 V	0.5 µA	15 %	1300 mΩ	256	230	102
T495B685(1)010A* E900	B/3528-21	6.8 µF	10 V	0.7 µA	6 %	900 mΩ	307	277	123
T495B106(1)010A* E750	B/3528-21	10 µF	10 V	1.0 µA	6 %	750 mΩ	337	303	135
T495B686(1)010A* E600	B/3528-21	68 µF	10 V	6.8 µA	10 %	600 mΩ	376	339	151
T495C475(1)025A* E575	C/3062-28	4.7 µF	25 V	1.2 µA	6 %	575 mΩ	437	394	175
T495C226(1)025A* E300	C/3062-28	22 µF	25 V	5.5 µA	8 %	300 mΩ	606	545	242
T495B474(1)035A* E1K5	B/3528-21	0.47 µF	35 V	0.5 µA	4 %	1500 mΩ	238	214	95
T495B105(1)035A* E1K5	B/3528-21	1.0 µF	35 V	0.5 µA	4 %	1500 mΩ	238	214	95
T495C225(1)035A* E750	C/3062-28	2.2 µF	35 V	0.8 µA	6 %	750 mΩ	383	345	153
T495C475(1)035A* E450	C/3062-28	4.7 µF	35 V	1.7 µA	6 %	450 mΩ	494	445	198

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

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