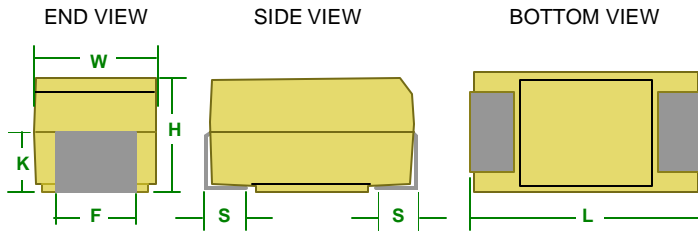


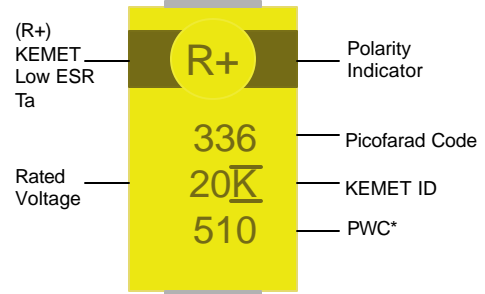
T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 12-19-05

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
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
T495C157(1)004A*E250	C/3062-28	150 μF	4 V	6.0 μA	8 %	250	663	597	265
T495C476(1)006A*E250	C/3062-28	47 μF	6.3 V	2.9 μA	6 %	250	663	597	265
T495C156(1)010A*E475	C/3062-28	15 μF	10 V	1.5 μA	6 %	475	481	433	192
T495E337(1)010A*E100	E/7360-38	330 μF	10 V	33.0 μA	10 %	100	1414	1273	566
T495E337(1)010A*E060	E/7360-38	330 μF	10 V	33.0 μA	10 %	60	1826	1643	730
T495C685(1)016A*E750	C/3062-28	6.8 μF	16 V	1.1 μA	6 %	750	383	345	153
T495C106(1)020A*E475	C/3062-28	10 μF	20 V	2.0 μA	6 %	475	481	433	192
T495C156(1)020A*E375	C/3062-28	15 μF	20 V	3.0 μA	6 %	375	542	487	217
T495E107(1)020A*E200	E/7360-38	100 μF	20 V	20.0 μA	8 %	200	1000	900	400
T495E107(1)020A*E100	E/7360-38	100 μF	20 V	20.0 μA	8 %	100	1414	1273	566
T495E107(1)020A*E085	E/7360-38	100 μF	20 V	20.0 μA	8 %	85	1534	1381	614
T495C225(1)025A*E1K3	C/3062-28	2.2 μF	25 V	0.6 μA	6 %	1300	291	262	116
T495C335(1)025A*E750	C/3062-28	3.3 μF	25 V	0.9 μA	6 %	750	383	345	153
T495D476M025A*E120	D/7343-31	47 μF	25 V	11.8 μA	10 %	120	1118	1006	447

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

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