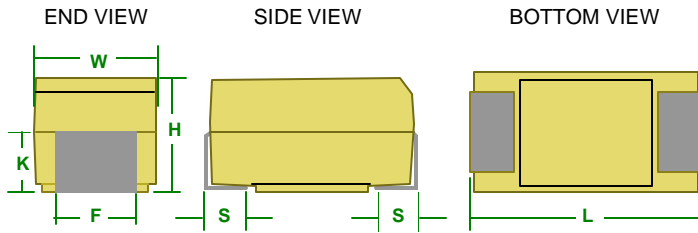


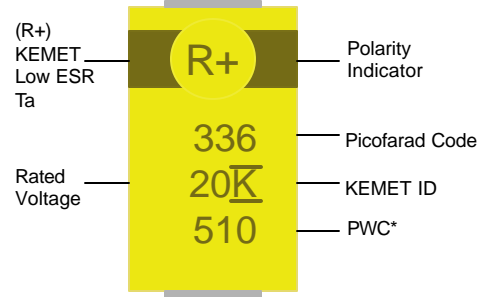
T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 1-31-06

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						
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
T495D227(1)2R5A*E045	D/7343-31	220 μF	2.5 V	5.5 μA	8 %	45	1826	1643	730
T495X477(1)004A*E100	X/7343-43	470 μF	4 V	18.8 μA	8 %	100	1285	1156	514
T495X477(1)004A*E045	X/7343-43	470 μF	4 V	18.8 μA	8 %	45	1915	1723	766
T495X477(1)004A*E030	X/7343-43	470 μF	4 V	18.8 μA	8 %	30	2345	2111	938
T495X337(1)006A*E045	X/7343-43	330 μF	6.3 V	19.8 μA	8 %	45	1915	1723	766
T495X477(1)006A*E045	X/7343-43	470 μF	6.3 V	28.2 μA	10 %	45	1915	1723	766
T495X477(1)006A*E030	X/7343-43	470 μF	6.3 V	28.2 μA	10 %	30	2345	2111	938
T495V686(1)010A*E100	V/7343-20	68 μF	10 V	6.8 μA	6 %	100	1118	1006	447
T495X227(1)010A*E060	X/7343-43	220 μF	10 V	22.0 μA	8 %	60	1658	1492	663
T495X227(1)010A*E050	X/7343-43	220 μF	10 V	22.0 μA	8 %	50	1817	1635	727
T495X337(1)010A*E035	X/7343-43	330 μF	10 V	33.0 μA	10 %	35	2171	1954	868
T495D476(1)020A*E100	D/7343-31	47 μF	20 V	9.4 μA	6 %	100	1225	1102	490
T495D336(1)025A*E090	D/7343-31	33 μF	25 V	8.3 μA	6 %	90	1291	1162	516
T495D475(1)050A*E275	D/7343-31	4.7 μF	50 V	2.4 μA	6 %	275	739	665	295

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

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