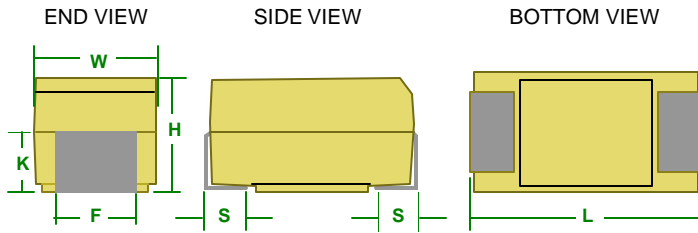


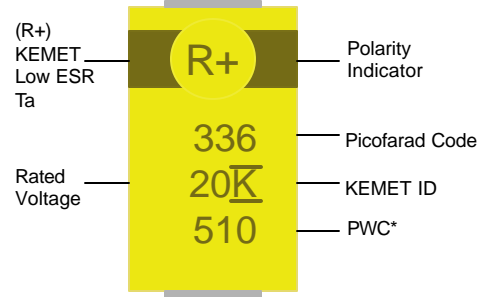
T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 3-28-06

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						
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
T495X108(1)2R5A*E040	X/7343-43	1000 μF	2.5 V	25.0 μA	15.0 %	40	2031	1828	812
T495D337(1)004A*E030	D/7343-31	330 μF	4 V	13.2 μA	8.0 %	30	2236	2012	894
T495D337(1)004A*E045	D/7343-31	330 μF	4 V	13.2 μA	8.0 %	45	1826	1643	730
T495E108(1)004A*E050	E/7360-38	1000 μF	4 V	40.0 μA	15.0 %	50	2000	1800	800
T495D337(1)006A*E040	D/7343-31	330 μF	6.3 V	20.8 μA	8.0 %	40	1936	1743	775
T495D337(1)006A*E050	D/7343-31	330 μF	6.3 V	20.8 μA	8.0 %	50	1732	1559	693
T495D337(1)006A*E070	D/7343-31	330 μF	6.3 V	20.8 μA	8.0 %	70	1464	1317	586
T495D227(1)010A*E045	D/7343-31	220 μF	10 V	22.0 μA	8.0 %	45	1826	1643	730
T495X476(1)020A*E065	X/7343-43	47 μF	20 V	9.4 μA	8.0 %	65	1593	1434	637

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

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