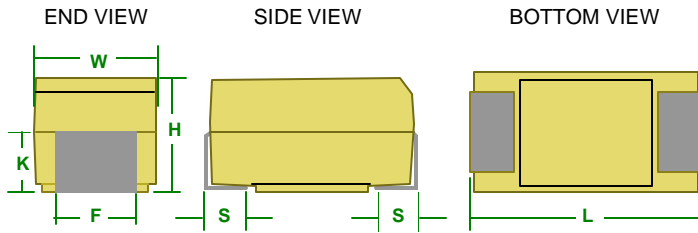


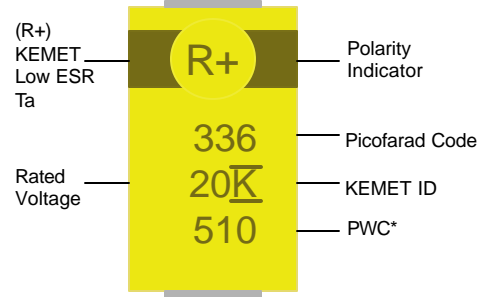
T495 Series - KEMET Low ESR, Surge Robust Tantalum Chip Capacitor

New Product Release – 10-28-05

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	Ripple Current (mArms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T495E477(1)006A* E055	E/7360-38	470 µF	6.3 V	29.6 µA	10 %	55 mΩ	1907	1716	763
T495E477(1)006A* E100	E/7360-38	470 µF	6.3 V	29.6 µA	10 %	100 mΩ	1414	1273	566
T495C335(1)035A* E600	C/3062-28	3.3 µF	35 V	1.2 µA	6 %	600 mΩ	428	385	171
T495C105(1)050A* E1K3	C/3062-28	1.0 µF	50 V	0.5 µA	4 %	1300 mΩ	291	262	116

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

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

Rev. 10/28/2005