



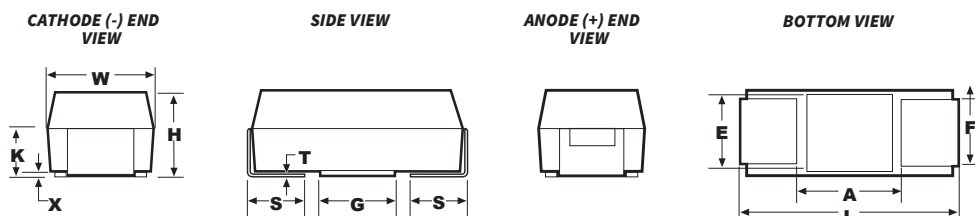
T495 SERIES LOW PROFILE SURFACE MOUNT CAPACITORS

Low ESR, Surge Robust

FEATURES

Meets or Exceeds EIA Standard 535BAAC	Capacitance: 10.0 μ F to 220.0 μ F
Taped and Reeled per EIA 481-1	Tolerance: $\pm 10\%$, $\pm 20\%$
Symmetrical, Compliant Terminations	Voltage: 2.5 - 16 VDC
100% accelerated steady-state aging	Low Equivalent Series Inductance (<2.5nH ESL)
100% Surge Current test	Precision-molded, laser marked case
Refer to KEMET F3102 for performance characteristics and page 16 of this catalog for component packaging	RoHS Compliant - Lead Free Terminations (See www.kemet.com for transition information)

CAPACITOR OUTLINE DRAWING

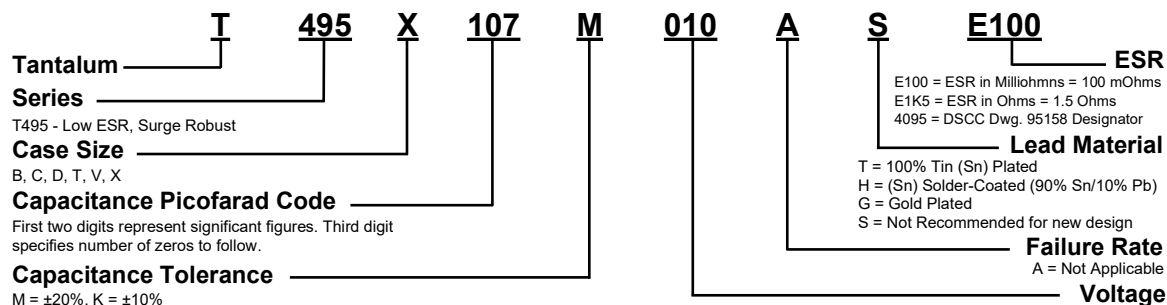


DIMENSIONS – Millimeters (inches)

Case Size		Component										
KEMET	EIA	L*	W*	H Max.	K Min.	F* ± 0.1	S* ± 0.3	X (Ref)	T (Ref)	A (Min)	G (Ref)	E (Ref)
T	3528-12	3.5 $\pm$ 0.2 (.138 $\pm$.008)	2.8 $\pm$ 0.2 (.110 $\pm$.008)	1.2 (.047)	0.3 (.012)	2.2 (.087)	0.8 (.031)	0.05 (.002)	0.13 (.005)	2.1 (.083)	1.8 (.071)	2.2 (.087)
V	7343-20	7.3 $\pm$ 0.3 (.287 $\pm$.012)	4.3 $\pm$ 0.3 (.169 $\pm$.012)	2.0 (.079)	0.09 (.035)	2.4 (.094)	1.3 (.051)	0.05 (.002)	0.13 (.005)	3.8 (.150)	3.5 (.138)	3.5 (.138)

Notes: 1. Metric dimensions govern.
2. (Ref) Dimensions provided for reference only.

KEMET ORDERING INFORMATION



*Refer to www.kemet.com for lead material transition to Pb free.

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PART NUMBER REFERENCE

Capacitance μF	Case Size	KEMET Part Number	DC Leakage μA @ 25°C Max	DF% @ 25°C 120 Hz Max	ESR $\text{m}\Omega$ @ 25°C 100 kHz Max	Ripple Current mA rms at 25°C, 100 kHz Max		
						25°C	85°C	125°C
2.5 Volt Rating @ +85°C (1.7 Volt Rating at +125°C)								
100.0	T	T495T107M2R5A(2)E3K0	2.5	24.0	3000	153	137	61
6/6.3 Volt Rating @ +85°C (4 Volt Rating at +125°C)								
100.0	V	T495V107(1)006A(2)E150	6.0	8.0	150	913	822	365
10 Volt Rating @ +85°C (7 Volt Rating at +125°C)								
68.0	V	T495V686(1)010A(2)E140	6.8	6.0	140	945	850	378
100.0	V	T495V107(1)010A(2)E150	10.0	8.0	150	913	822	365
150.0	V	T495V157(1)010A(2)E100	15.0	8.0	100	1118	1006	447
150.0	V	T495V157(M)010A(2)E150	15.0	8.0	150	913	822	365
220.0	*V	T495V227(1)010A(2)E150	22.0	12.0	150	913	822	365
16 Volt Rating @ +85°C (10 Volt Rating at +125°C)								
10.0	*T	T495T106M016A(2)E4K0	1.6	8.0	4000	132	119	53
68.0	*V	T495V686(1)016A(2)E300	10.9	6.0	300	645	581	258

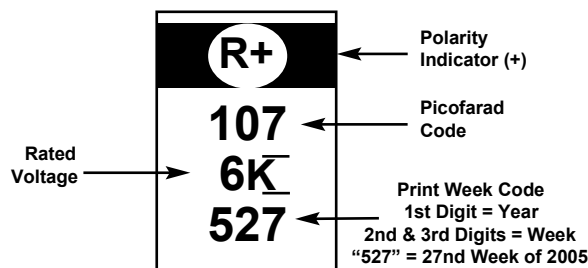
* Extended Values ** 6 Volt product equivalent to 6.3 volt product

(1) To complete KEMET part number, insert M for $\pm 20\%$ tolerance or K for $\pm 10\%$ tolerance.

(2) To complete KEMET part number, insert lead material designation from page 10.

Higher voltage rating, lower ESR and tighter capacitance tolerance product may be substituted within the same size at KEMET's option. Voltage substitutions will be marked with the higher voltage rating.

COMPONENT MARKING



CONSTRUCTION

