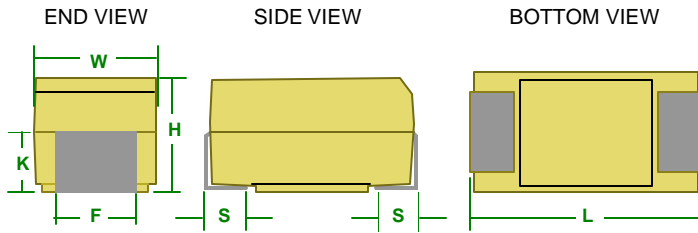


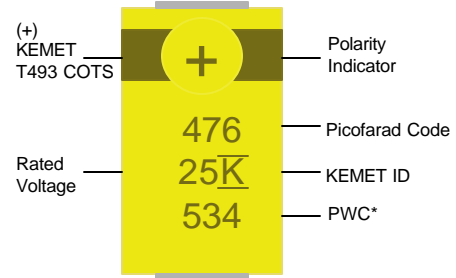
T493 Series - KEMET Military COTS Capacitor

New Product Release – 2-24-06

Component Outline Drawing



Component Marking



* 534 = 34th week of 2005

Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.3
KEMET	EIA						
A	3216-18	3.2±0.2	1.6±0.2	1.6±0.2	0.7	1.2	0.8
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

Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap	Voltage	DCL V _R	DF 120Hz	Std ESR 100kHz	Low ESR 100kHz
T493D336(1)025(2)(3)(4)(5)	D/7343-31	33 μF	25 V	8.3 μA	6 %	0.7 Ω	0.4 Ω

- (1) Insert M for +/-20% or K for +/-10%. To request +/-5%, contact KEMET Sales representative
- (2) Insert A for Non-ER; B for 0.1%/1000 Hrs; or C for 0.01%/1000 Hrs Reliability Level.
- (3) Insert B for Gold Plated (50 μ inch minimum); C for Hot Solder Dipped (60 μ inch minimum); H for Solder Plated (100 μ inch minimum); or K for Solder Fused (60 μ inch minimum) Termination Finish
- (4) For Surge Current testing, insert 61 for none, 62 for 10 cycles +25°C; or 64 for 10 cycles, -55°C & +85°C
- (5) Insert 10 for Standard ESR; or 20 for Low ESR Option

Rev. 2/24/2006