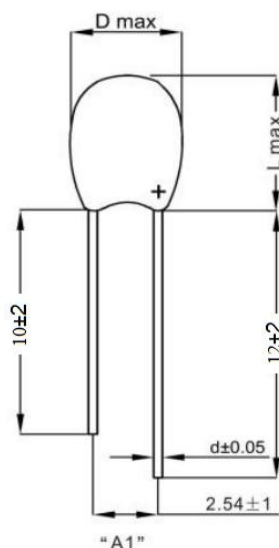


Item : TC 47uF 6.3V +/-20% P: 2.54mm (LL:Anode 12mm cathode 10mm) +/-2mm Bulk RoHS

FEATURES

TC series sinter-anode, epoxy-coated solid electrolyte tantalum capacitors are encapsulated with flame Retardant yellow epoxy powder, marked with laser.TC Series applications such as TV sets, camcorders, computers, telephones, instruments and meters, such electrical equipments with high-reliable SMT DC& Impulse high-density assembled printed circuit.

1.Outline & Dimensions



Unit:mm

Case Size	D Max	L Max	d±0.05	P±1
B case	6.0	8.5	0.5	2.54

3. Characteristics

Item	Characteristic								
Operating Temperature Range	-55℃~+125℃(>85℃ with rated voltage derating)								
Rated voltage Rang	6.3V								
Capacitance Tolerance	±20%								
DC Leakage Current(I ₀)	I ₀ ≤0.01 CRUR or 0.5μA								
Dissipation Factor(25℃)	DCL Max. (μA)	I ₀ ≤0.01 CRUR or 0.5μA							
	DF Max. (%)	8							
Temperature characteristics	Capacitance(uF)	Capacitance Change (%)			DF Max. (%)			DCL Max. (μA)	
		-55℃	+85℃	+125℃	-55℃	+85℃	+125℃	+85℃	+125℃
	47μF	±10	±10	±15	10	8	10	8 I ₀	10 I ₀