



Axial Through-Hole Tantalum

T322 Commercial & T323 Military Series



Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

Features & Benefits

- T323 Series qualified under MIL-PRF-49137/1 & 5 as Military Style CX01 & CX05
- Complete line of extended-range molded solid tantalum capacitors
- Designed specifically for high-speed automatic insertion applications
- High capacitance-to-volume ratio while maintaining excellent performance
- Low ESR/impedance at high frequencies
- 100% tin and tin/lead termination options

Product Checklist

- What is the circuit operating temperature?
- What is the circuit operating voltage?
- Are there any voltage spikes expected?
- Are there any environmental concerns such as temperature, moisture or vibration?
- What are the physical space restrictions?

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- Military/Aerospace
- Commercial computer, communications and other electronic equipment
- Bypass and filtering
- Decoupling
- Blocking
- RC timing circuits

Electrical/Physical Characteristics

Case Size	Dimensions, DxLxW (inches)	Capacitance Range	Characteristics
A	.095 x .0260 x .020	.10 μ F – 10 μ F	• 2V – 5V
B	.110 x .290 x .020	.33 μ F – 33 μ F	• 5%, 10% and 20% tolerances
C	.180 x .345 x .020	1.2 μ F – 68 μ F	• Operating temperature range 55°C to 125°C
D	.180 x .420 x .020	2.7 μ F – 68 μ F	• Available RoHS compliant
E	.280 x .530 x .025	5.6 μ F – 220 μ F	• Tape & reel packaging available
F	.300 x .710 x .025	12.0 μ F – 330 μ F	

