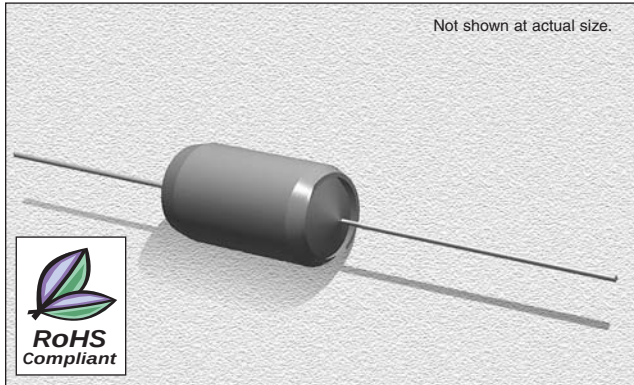


CTS6F Series

From 250 μH to 1,000 μH



CHARACTERISTICS

Description: Axial leaded molded (shielded) inductor

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications

Operating Temperature: -20°C to +80°C

Inductance Tolerance: $\pm 10\%$ & $\pm 20\%$

Current Rating: Based on 0.43 watt power dissipation for approximately 20°C temperature rise

Packaging: Bulk Pack, 200 pieces per bag,
Tape & Reel, 1,000 pieces per reel

Marking: Printed with inductance code

Miscellaneous: RoHS Compliant.

Testing: Inductance is measured on an HP4284A at 1 kHz

Leads: Soft copper and pre-tinned

Incremental Current: The current at which the inductance will be decreased by 5% from its initial (Zero DC) value

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

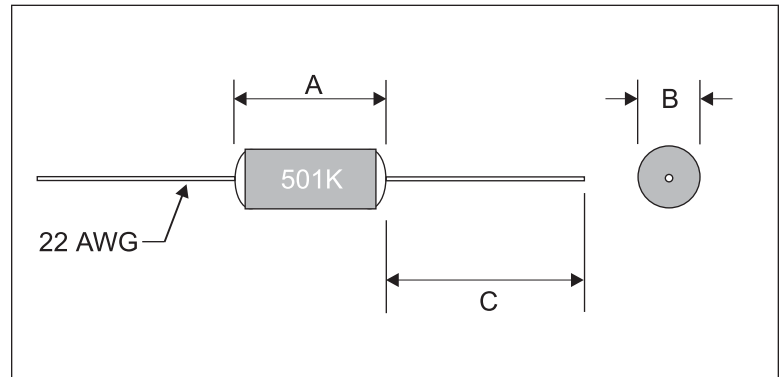
SPECIFICATIONS

Please specify tolerance code when ordering.
CTS6F-251_ ← K = $\pm 10\%$, M = $\pm 20\%$

Part Number	Inductance (μH)	L Test Freq. (kHz)	INCR Curr. (mA)	DCR Max. (Ω)	D.C. Curr (mA)
CTS6F-251_	250	1.0	60	0.17	1330
CTS6F-501_	500	1.0	44	0.39	880
CTS6F-102_	1000	1.0	30	0.80	610

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Typ.	22 AWG
mm	13.5 ± 0.25	6.86 ± 0.25	29.2	0.6430
inches	0.53 ± 0.010	0.27 ± 0.010	1.15	0.02535



12.07.11