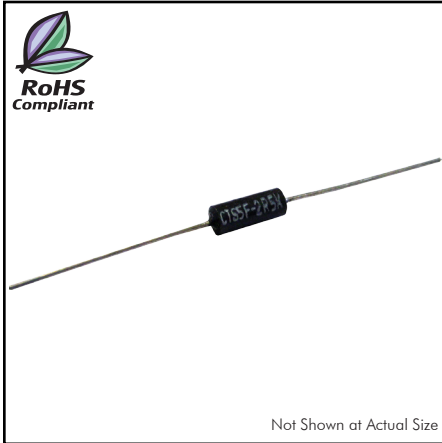


CTS5F Series

From 1 μ H to 100 μ H



SPECIFICATIONS

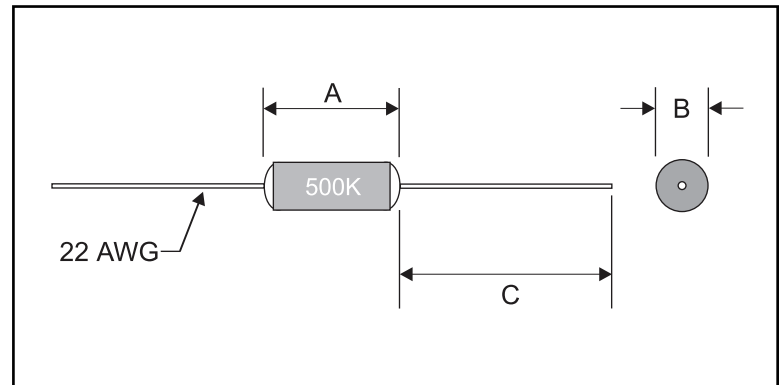
Please specify inductance tolerance code when ordering.

CTS5F-1R0_ ← J = ±5%, K = ±10%

Part Number	Inductance (μ H)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
CTS5F-1R0_	1.0	7.9	55	7.9	200	0.05	2200
CTS5F-2R5_	2.5	7.9	45	7.9	115	0.08	1700
CTS5F-5R0_	5.0	7.9	35	7.9	90	0.12	1400
CTS5F-100_	10	2.5	65	2.5	55	0.42	770
CTS5F-250_	25	2.5	55	2.5	35	0.80	560
CTS5F-500_	50	2.5	60	2.5	27	1.50	400
CTS5F-101_	100	2.5	70	2.5	20	3.10	280

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Typ.	22 AWG
mm	11.4±0.25	3.81±0.25	29.2	0.6430
inches	0.45±0.010	0.15±0.010	1.15	0.02535



CHARACTERISTICS

Description: Axial leaded molded (shielded) inductor

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

Operating Temperature: -55°C to +105°C

Inductance Tolerance: ±5% & ±10%

Testing: Inductance and Q are tested on a HP4285A at specified frequency

Packaging: Bulk pack, 500 parts per bag, Tape & Reel, 2,500 parts per reel

Current Rating: Based on .33 watt power dissipation for approximately 20°C temperature rise

Marking: Printed with inductance code

Miscellaneous: RoHS Compliant

Testing: Inductance is measured on a HP4285A at 1kHz

Leads: Soft copper and pre-tinned

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.