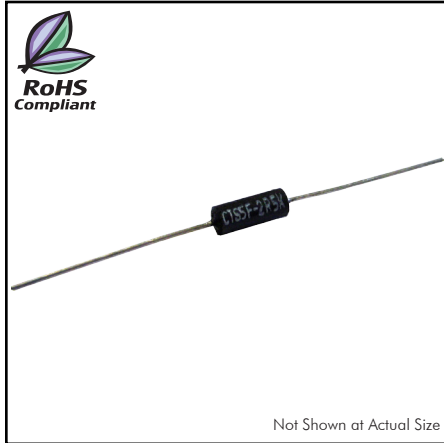


## CTS5F Series

From 1 $\mu$ H to 100 $\mu$ H



### SPECIFICATIONS

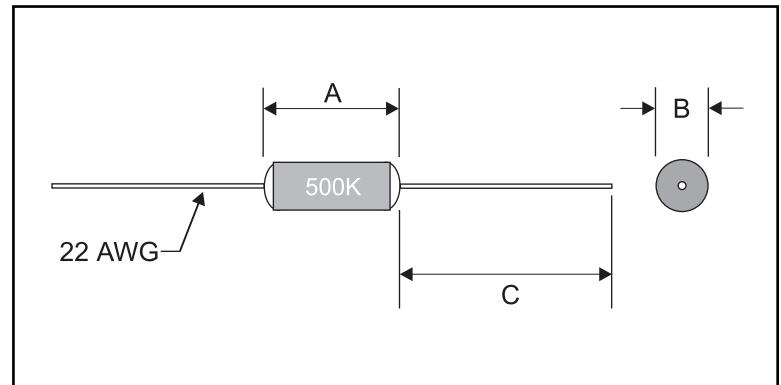
Please specify inductance tolerance code when ordering.

CTS5F-1R0\_ ← J = ±5%, K = ±10%

Part Number	Inductance ( $\mu$ H)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	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	11.43	3.81	29.2	0.6430
inches	0.45	0.15	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 +125°C

**Inductance Tolerance:** ±5% & ±10%

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

**Packaging:** Bulk pack

**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.**