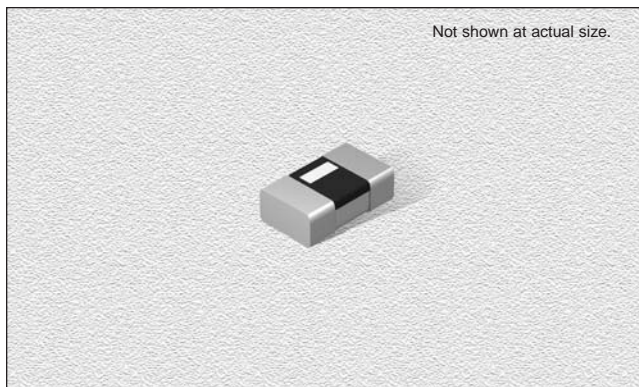


CTTF0402 Series

From 1.0 nH to 22 nH



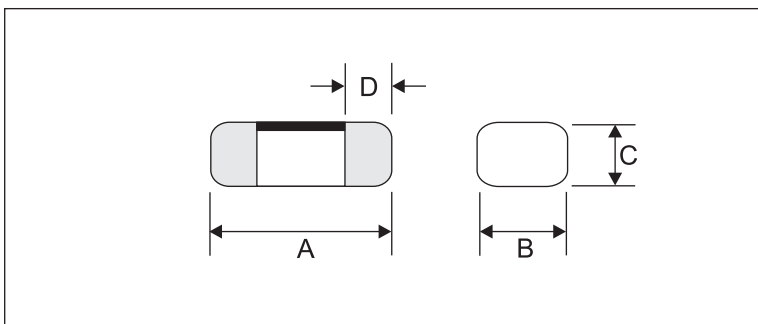
SPECIFICATIONS

Please specify tolerance code when ordering.
 CTTF0402-1N0_ ← B = ±0.1nH, C = ±0.2nH, G = ±2%
 * = B or C only

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Min.	Q Test Freq. (MHz)	DCR Max. (Ω)	Rated DC Max. (mA)	SRF Min. (GHz)
CTTF0402-1N0_*	1.0	500	13	500	0.1	400	6
CTTF0402-1N2_*	1.2	500	13	500	0.1	390	6
CTTF0402-1N5_*	1.5	500	13	500	0.2	280	6
CTTF0402-1N8_*	1.8	500	13	500	0.2	280	6
CTTF0402-2N2_*	2.2	500	13	500	0.3	220	6
CTTF0402-2N7_*	2.7	500	13	500	0.3	220	6
CTTF0402-3N3_*	3.3	500	13	500	0.4	190	6
CTTF0402-3N9_*	3.9	500	13	500	0.5	170	6
CTTF0402-4N7_*	4.7	500	13	500	0.6	160	6
CTTF0402-5N6_*	5.6	500	13	500	0.7	140	6
CTTF0402-6N8_*	6.8	500	13	500	0.9	130	6
CTTF0402-8N2_*	8.2	500	13	500	1.1	110	5.5
CTTF0402-10NG	10	500	13	500	1.3	100	4.5
CTTF0402-12NG	12	500	13	500	1.6	90	3.7
CTTF0402-15NG	15	500	13	500	1.8	90	3.3
CTTF0402-18NG	18	500	13	500	2.0	80	3.1
CTTF0402-22NG	22	500	13	500	2.6	70	2.8

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.0 ± 0.05	0.5 ± 0.05	0.35 ± 0.05	0.2 ± 0.1
inches	0.04 ± 0.002	0.02 ± 0.002	0.01 ± 0.002	0.008 ± 0.004



CHARACTERISTICS

- Description:** SMD thin film chip inductors
- Applications:** Cellular Telephone, pagers, GPS products, wireless LAN and other communication appliances, VCO, TCXO circuit and RF Transceiver Module
- Operating Temperature:** -40°C to +85°C
- Inductance Tolerance:** ±0.1nH, ±0.2nH, ±2%
- Testing:** Tested on a HP4287A at 500 MHz
- Packaging:** Tape & Reel
- Marking:** Reels are marked with inductance code and tolerance
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**

06.06.02