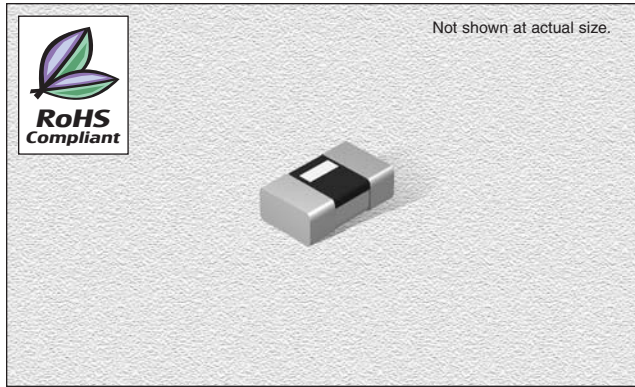


CTTF0402F Series

From 0.2 nH to 33 nH



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: $\pm 0.1\text{nH}$, $\pm 0.2\text{nH}$ & $\pm 2\%$

Testing: Tested on a HP4287A at 500 MHz

Packaging: Tape & Reel

Miscellaneous: RoHS Compliant.

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.

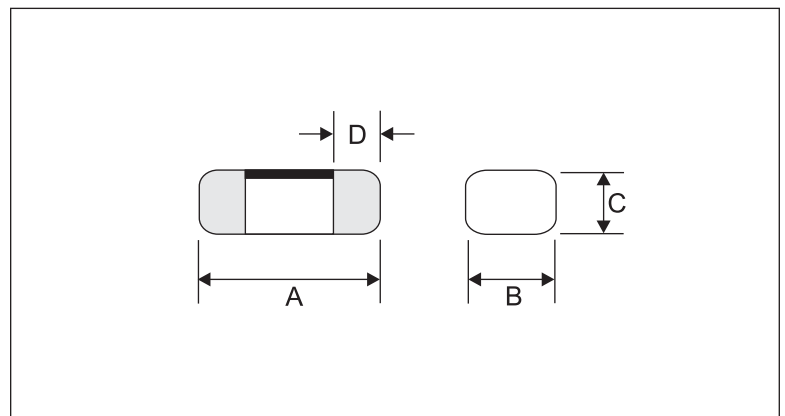
SPECIFICATIONS

Please specify tolerance code when ordering.
 CTTF0402F-0N2_ ← B = $\pm 0.1\text{nH}$, C = $\pm 0.2\text{nH}$, S = $\pm 0.3\text{nH}$, F = $\pm 1\%$, G = $\pm 2\%$,
 H = $\pm 3\%$, J = $\pm 5\%$
 * = F, G, H or J 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)
CTTF0402F-0N2_	0.2	500	13	500	0.1	800	6
CTTF0402F-0N4_	0.4	500	13	500	0.1	800	6
CTTF0402F-0N8_	0.8	500	13	500	0.1	700	6
CTTF0402F-1N0_	1.0	500	13	500	0.1	700	6
CTTF0402F-1N2_	1.2	500	13	500	0.1	700	6
CTTF0402F-1N5_	1.5	500	13	500	0.2	700	6
CTTF0402F-1N6_	1.6	500	13	500	0.2	560	6
CTTF0402F-1N8_	1.8	500	13	500	0.2	560	6
CTTF0402F-2N0_	2.0	500	13	500	0.3	560	6
CTTF0402F-2N2_	2.2	500	13	500	0.3	440	6
CTTF0402F-2N7_	2.7	500	13	500	0.3	440	6
CTTF0402F-3N1_	3.1	500	13	500	0.4	380	6
CTTF0402F-3N3_	3.3	500	13	500	0.4	380	6
CTTF0402F-3N6_	3.6	500	13	500	0.4	380	6
CTTF0402F-3N9_	3.9	500	13	500	0.5	340	6
CTTF0402F-4N7_	4.7	500	13	500	0.6	320	6
CTTF0402F-5N6_	5.6	500	13	500	0.7	280	6
CTTF0402F-5N9_	5.9	500	13	500	0.7	280	6
CTTF0402F-6N8_	6.8	500	13	500	0.9	260	6
CTTF0402F-7N2_	7.2	500	13	500	0.9	260	6
CTTF0402F-8N0_	8.0	500	13	500	1.1	220	5.5
CTTF0402F-8N2_	8.2	500	13	500	1.1	220	5.5
CTTF0402F-9N1_	9.1	500	13	500	1.1	220	5.5
CTTF0402F-10N_*	10	500	13	500	1.3	200	4.5
CTTF0402F-12N_*	12	500	13	500	1.6	180	3.7
CTTF0402F-13N8_*	13.8	500	13	500	1.6	180	3.7
CTTF0402F-15N_*	15	500	13	500	1.8	130	3.3
CTTF0402F-17N_*	17	500	13	500	2.0	100	3.1
CTTF0402F-18N_*	18	500	13	500	2.0	100	3.1
CTTF0402F-20N8_*	20.8	500	13	500	2.6	90	2.8
CTTF0402F-22N_*	22	500	13	500	2.6	90	2.8
CTTF0402F-27N_*	27	500	13	500	2.5	75	3.25
CTTF0402F-33N_*	33	500	13	500	2.5	75	3.75

PHYSICAL DIMENSIONS

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



10.26.06