

## CTTF0201HCF Series

### From 0.1nH to 4.0nH



### CHARACTERISTICS

**Description:** High current 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, ±0.3nH

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

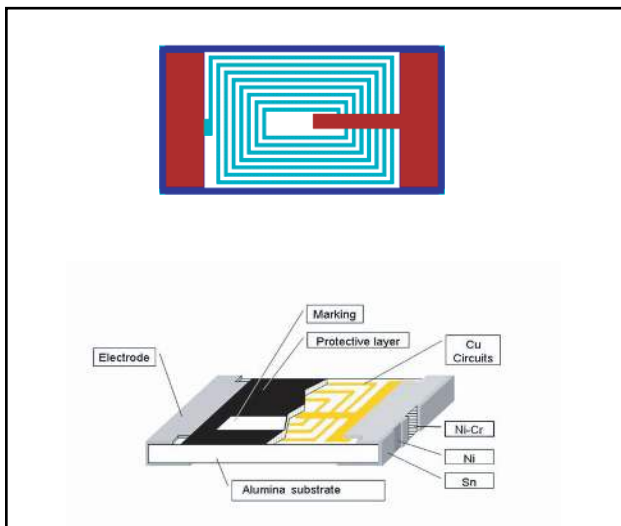
**Packaging:** Tape & Reel

**Miscellaneous:** RoHS Compliant.

**Additional Information:** Additional electrical & physical information available upon request.

**Samples available. See website for ordering information.**

### CONSTRUCTION



### SPECIFICATIONS

Please specify tolerance code when ordering.

CTTF0201F-0N1\_ ← B = ±0.1nH, C = ±0.2nH, S = ±0.3nH

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Min.	Q Test Freq. (MHz)	DCR Max. (Ω)	Rated DC Max. (mA)	SRF Min. (GHz)
CTTF0201HCF-0N1_	0.1	500	10	500	0.05	600	6
CTTF0201HCF-0N2_	0.2	500	10	500	0.05	600	6
CTTF0201HCF-0N3_	0.3	500	10	500	0.05	600	6
CTTF0201HCF-0N4_	0.4	500	10	500	0.05	600	6
CTTF0201HCF-0N5_	0.5	500	10	500	0.10	600	6
CTTF0201HCF-0N6_	0.6	500	10	500	0.10	600	6
CTTF0201HCF-0N7_	0.7	500	10	500	0.10	600	6
CTTF0201HCF-0N8_	0.8	500	10	500	0.10	600	6
CTTF0201HCF-0N9_	0.9	500	10	500	0.10	600	6
CTTF0201HCF-1N0_	1.0	500	10	500	0.15	600	6
CTTF0201HCF-1N1_	1.1	500	10	500	0.15	600	6
CTTF0201HCF-1N2_	1.2	500	10	500	0.15	600	6
CTTF0201HCF-1N3_	1.3	500	10	500	0.20	600	6
CTTF0201HCF-1N4_	1.4	500	10	500	0.20	600	6
CTTF0201HCF-1N5_	1.5	500	10	500	0.25	600	6
CTTF0201HCF-1N6_	1.6	500	10	500	0.25	600	6
CTTF0201HCF-1N7_	1.7	500	10	500	0.30	500	6
CTTF0201HCF-1N8_	1.8	500	10	500	0.30	500	6
CTTF0201HCF-1N9_	1.9	500	10	500	0.30	500	6
CTTF0201HCF-2N0_	2.0	500	10	500	0.30	500	6
CTTF0201HCF-2N1_	2.1	500	10	500	0.30	500	6
CTTF0201HCF-2N2_	2.2	500	10	500	0.35	500	6
CTTF0201HCF-2N3_	2.3	500	10	500	0.35	500	6
CTTF0201HCF-2N4_	2.4	500	10	500	0.35	450	6
CTTF0201HCF-2N5_	2.5	500	10	500	0.35	450	6
CTTF0201HCF-2N6_	2.6	500	10	500	0.35	450	6
CTTF0201HCF-2N7_	2.7	500	10	500	0.35	450	6
CTTF0201HCF-2N8_	2.8	500	10	500	0.50	450	6
CTTF0201HCF-2N9_	2.9	500	10	500	0.50	450	6
CTTF0201HCF-3N0_	3.0	500	10	500	0.50	400	6
CTTF0201HCF-3N1_	3.1	500	10	500	0.50	400	6
CTTF0201HCF-3N2_	3.2	500	10	500	0.50	400	6
CTTF0201HCF-3N3_	3.3	500	10	500	0.50	400	6
CTTF0201HCF-3N4_	3.4	500	10	500	0.80	350	6
CTTF0201HCF-3N5_	3.5	500	10	500	0.80	350	6
CTTF0201HCF-3N6_	3.6	500	10	500	0.80	350	6
CTTF0201HCF-3N7_	3.7	500	10	500	0.80	350	6
CTTF0201HCF-3N8_	3.8	500	10	500	0.80	350	6
CTTF0201HCF-3N9_	3.9	500	10	500	0.80	350	6
CTTF0201HCF-4N0_	4.0	500	10	500	0.80	350	6

### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	0.60 ± 0.05	0.30 ± 0.05	0.23 ± 0.05	0.15 ± 0.05
inches	0.02 ± 0.002	0.01 ± 0.002	0.009 ± 0.002	0.006 ± 0.002

