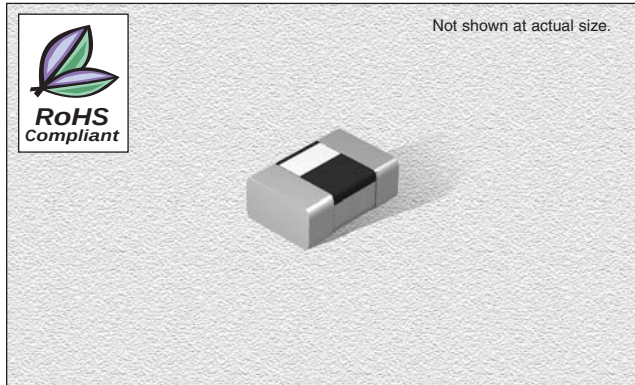


CTTF0603F Series

From 1.0 nH to 68 nH



SPECIFICATIONS

Please specify tolerance code when ordering.
 CTTF0603F-1N0_ ← B = ± 0.1 nH, C = ± 0.2 nH, G = $\pm 2\%$
 * = 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)
CTTF0603F-1N0_*	1.0	300	17	300	0.2	800	6
CTTF0603F-1N2_*	1.2	300	17	300	0.2	800	6
CTTF0603F-1N5_*	1.5	300	17	300	0.2	800	6
CTTF0603F-1N8_*	1.8	300	17	300	0.2	300	6
CTTF0603F-2N2_*	2.2	300	17	300	0.2	300	6
CTTF0603F-2N7_*	2.7	300	17	300	0.2	300	6
CTTF0603F-3N3_*	3.3	300	17	300	0.2	300	6
CTTF0603F-3N9_*	3.9	300	17	300	0.2	300	6
CTTF0603F-4N7_*	4.7	300	17	300	0.2	300	5
CTTF0603F-5N6_*	5.6	300	17	300	0.5	300	5
CTTF0603F-6N8_*	6.8	300	17	300	0.5	300	5
CTTF0603F-8N2_*	8.2	300	17	300	0.5	300	4
CTTF0603F-10NG	10	300	15	300	1.0	300	4
CTTF0603F-12NG	12	300	15	300	1.0	300	3
CTTF0603F-15NG	15	300	15	300	1.0	300	3
CTTF0603F-18NG	18	300	15	300	2.0	300	2
CTTF0603F-22NG	22	300	15	300	2.0	250	2
CTTF0603F-27NG	27	300	15	300	2.0	250	2
CTTF0603F-33NG	33	300	15	300	2.0	250	1.5
CTTF0603F-39NG	39	300	15	300	3.0	200	1.5
CTTF0603F-47NG	47	300	15	300	3.0	200	1.5
CTTF0603F-56NG	56	300	15	300	5.0	150	1
CTTF0603F-68NG	68	300	15	300	5.0	150	1

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:** ± 0.1 nH, ± 0.2 nH & $\pm 2\%$ **Testing:** Tested on a HP4287A at 300 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.**

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.6 ± 0.1	0.8 ± 0.1	0.45 ± 0.1	0.3 ± 0.2
inches	0.06 ± 0.004	0.03 ± 0.004	0.02 ± 0.004	0.01 ± 0.008

03.23.06