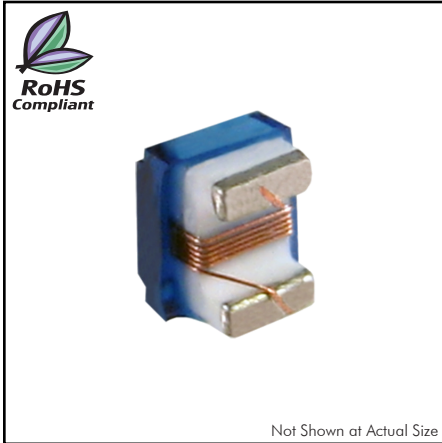


CT0603HPHF Series

From 3.3nH to 18nH



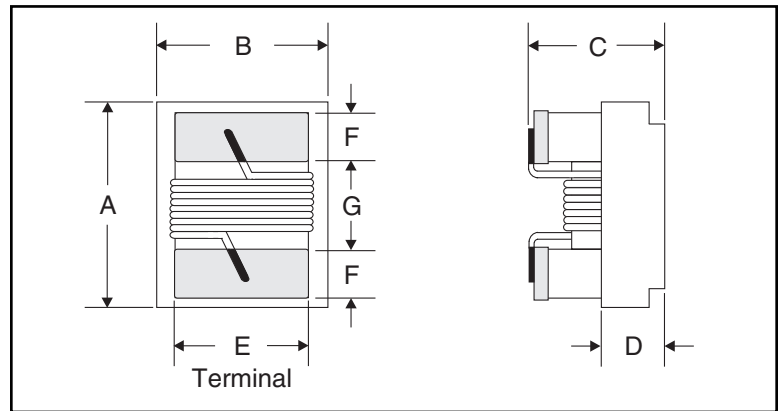
SPECIFICATIONS

Please specify tolerance code when ordering.
CT0603HPHF-3N3_ ← H = ±3%, J = ±5%

Part Number	Inductance (nH)	L/Q Test Freq. (MHz)	Q Typ.	SRF Typ. (GHz)	DCR Max. (Ω)	Irms Max. (mA)	Color Code
CT0603HPHF-3N3_	3.3	250/250	36	9.6	0.034	1900	Black
CT0603HPHF-3N6_	3.6	250/250	28	9.7	0.040	1900	Brown
CT0603HPHF-5N1_	5.1	250/250	38	8.9	0.042	1700	Red
CT0603HPHF-5N6_	5.6	250/250	35	6.6	0.042	1700	Orange
CT0603HPHF-6N0_	6.0	250/250	49	6.0	0.042	1700	Yellow
CT0603HPHF-8N2_	8.2	250/250	40	5.9	0.054	1400	Green
CT0603HPHF-8N7_	8.7	250/250	46	5.5	0.054	1400	Blue
CT0603HPHF-9N1_	9.1	250/250	40	5.1	0.052	1400	Violet
CT0603HPHF-9N5_	9.5	250/250	42	4.9	0.054	1400	Gray
CT0603HPHF-10N_	10	250/250	44	4.3	0.054	1400	White
CT0603HPHF-12N_	12	250/250	40	4.1	0.088	1100	Black
CT0603HPHF-18N_	18	250/250	45	3.3	0.082	1200	Brown

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
mm	1.6 ^{+0.2} _{-0.1}	1.12±0.1	0.82 ^{+0.2} _{-0.1}	0.30	0.70	0.30	0.95
inches	0.063 ^{+0.008} _{-0.004}	0.044±0.004	0.032 ^{+0.008} _{-0.004}	0.012	0.028	0.012	0.037



CHARACTERISTICS

- Description:** SMD ceramic core wire-wound chip inductor.
 - Applications:** Cellular phone, cordless phone, remote control, security systems, wireless PDA, wireless LAN, mouse, keyboard, GPS receiver, set top box, base station, repeater, etc.
 - Operating Temperature:** -40°C to +125°C (Including self-temperature rise)
 - Irms:** For a 15°C temp. rise from 25°C ambient with current
 - Inductance Tolerance:** ±3%, ±5%
 - Testing:** Inductance and Q are tested on an HP4287A at specified frequency.
 - Packaging:** Tape & Reel.
 - Miscellaneous:** RoHS Compliant.
- Samples available. See website for ordering information.

PAD LAYOUT

