

CTLQ121006HF Series

From .47 μ H to 47 μ H



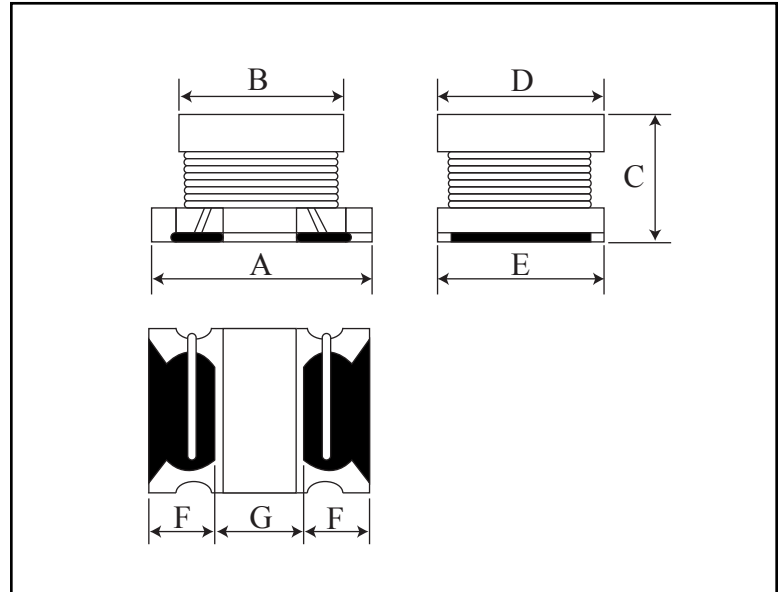
SPECIFICATIONS

Please specify inductance tolerance code when ordering.
 CTLQ121006HF-1R0_ ← M = $\pm 20\%$, N = $\pm 30\%$

Part Number	Inductance (μ H)	Tolerance ($\pm\%$)	Test Freq. (MHz)	SRF Min. (MHz)	DCR $\pm 20\%$ (Ω)	Rated Current (mA)	Irms (mA)
CTLQ121006HF-R47N	0.47	30	1	100	0.030	3400	2550
CTLQ121006HF-1R0_	1.0	30 / 20	1	100	0.045	2300	2050
CTLQ121006HF-1R5N	1.5	30	1	70	0.057	1750	1750
CTLQ121006HF-2R2_	2.2	30 / 20	1	70	0.076	1550	1600
CTLQ121006HF-3R3_	3.3	30 / 20	1	50	0.120	1250	1200
CTLQ121006HF-4R7_	4.7	30 / 20	1	40	0.180	1000	1000
CTLQ121006HF-6R8_	6.8	30 / 20	1	40	0.240	850	850
CTLQ121006HF-100_	10	30 / 20	1	30	0.380	750	700
CTLQ121006HF-150_	15	30 / 20	1	25	0.700	550	500
CTLQ121006HF-220_	22	30 / 20	1	20	0.810	500	450
CTLQ121006HF-330_	33	30 / 20	1	14	1.050	360	320
CTLQ121006HF-470_	47	30 / 20	1	11	1.480	280	240

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
mm	3.2 \pm 0.3	2.5 \pm 0.2	1.55 \pm 0.15	2.5 \pm 0.2	2.5 \pm 0.2	0.95 \pm 0.3	1.2 \pm 0.2
inches	0.13 \pm 0.012	0.10 \pm 0.007	0.06 \pm 0.006	0.10 \pm 0.007	0.10 \pm 0.007	0.037 \pm 0.012	0.047 \pm 0.007



CHARACTERISTICS

- Description:** SMD wire-wound chip inductors
- Applications:** Personal computers, Disk drives and computer peripherals, Portable communication equipment, DC power supply circuit, etc.
- Operating Temperature:** -25°C to 125°C (including self – temperature rise)
- Inductance tolerance:** M = $\pm 20\%$, N = $\pm 30\%$
- Testing:** Inductance tested on HP4192A at 1MHz
- Rated Current:** Self temperature rise shall be limited to 35°C. Max. inductance drop 10% typ.
- Miscellaneous:** RoHS compliant
- Marking:** Parts marked with inductance code
- Packaging:** Tape and Reel
- Samples available:** See website for ordering information

PAD LAYOUT

