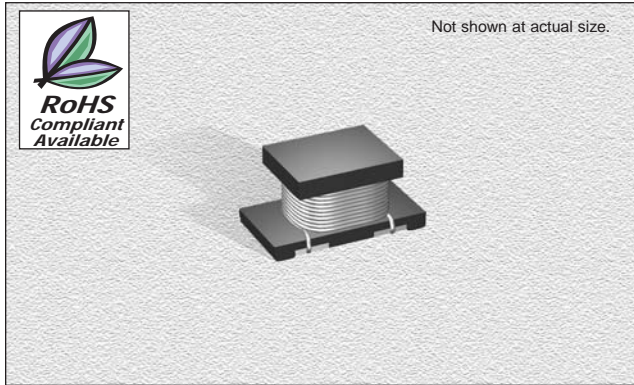


# CTLQ1206C Series

From 0.12  $\mu$ H to 100  $\mu$ H

## SPECIFICATIONS

Please specify tolerance code when ordering.  
 CTLQ1206C-4R7\_ ← J =  $\pm$ 5%, K =  $\pm$ 10%, M =  $\pm$ 20%  
 \* K or M only  
**CTLQ1206CE Please specify "F" for RoHS compliant**



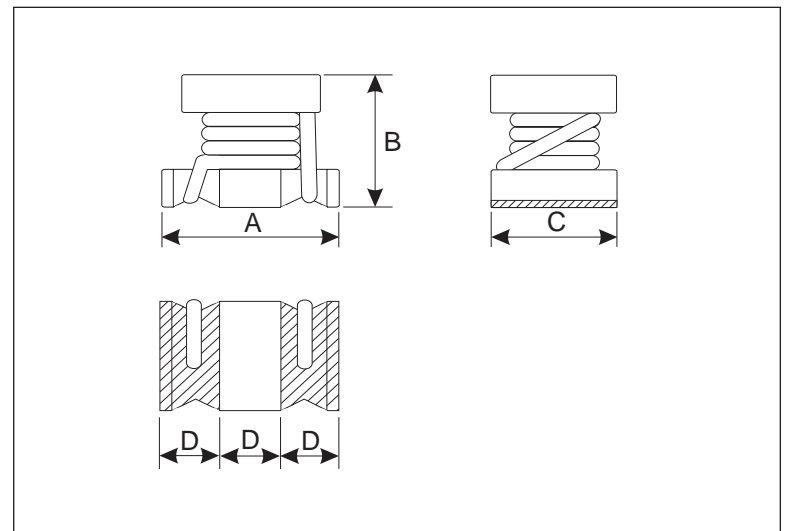
Part Number	Inductance ( $\mu$ H)	L Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Allowable Current (mA)
CTLQ1206C_-R12M	0.12	1.0	250	0.112	970
CTLQ1206C_-R22M	0.22	1.0	250	0.140	850
CTLQ1206C_-R47M	0.47	1.0	180	0.210	700
CTLQ1206C_-1R0M	1.0	1.0	100	0.364	510
CTLQ1206C_-2R2M	2.2	1.0	50	0.533	430
CTLQ1206C_-4R7_*	4.7	1.0	31	0.845	340
CTLQ1206C_-100_	10	1.0	20	1.69	230
CTLQ1206C_-220_	22	1.0	14	3.90	160
CTLQ1206C_-470_	47	1.0	10	10.4	100
CTLQ1206C_-101_	100	1.0	7	15.6	80

## PHYSICAL DIMENSIONS

Size	A	B	C	D Min.
mm	3.20 $\pm$ 0.30	1.80 $\pm$ 0.30	1.60 $\pm$ 0.30	0.7
inches	0.126 $\pm$ 0.012	0.071 $\pm$ 0.012	0.063 $\pm$ 0.012	0.028

## CHARACTERISTICS

- Description:** SMD power inductor
- Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -25°C to +85°C
- Inductance Tolerance:** J =  $\pm$ 5%, K =  $\pm$ 10% & M =  $\pm$ 20%
- Packaging:** Tape & Reel
- Testing:** Tested on a HP4285A @ specified frequency
- Allowable Current:** Self temperature rise shall be limited to 35°C max. Inductance drop 10% typ. at this rated current.
- Miscellaneous:** RoHS Compliant available.
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**



10.11.05



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids  
**800-684-5322** Inside US **949-453-1811** Outside US  
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