

# CTMLP060302F

## Series

From 0.47 $\mu$ H to 2.2 $\mu$ H

### SPECIFICATIONS

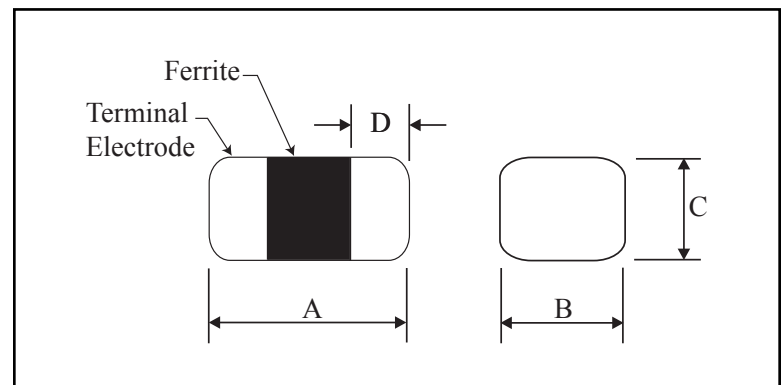
Please specify tolerance code when ordering.  
CTMLP060302F-R47\_ ← M =  $\pm 20\%$ , N =  $\pm 30\%$

Part Number	Inductance ( $\mu$ H)	Test Frequency	DCR $\pm 25\%$ ( $\Omega$ )	Isat Max. (mA)	Irms Max. (mA)
CTMLP060302F-R47_	0.47	3.0MHz, 200mV	0.15	420	1200
CTMLP060302F-1R0_	1.0	3.0MHz, 200mV	0.20	180	1200
CTMLP060302F-1R5_	1.5	3.0MHz, 200mV	0.22	130	1000
CTMLP060302F-2R2_	2.2	3.0MHz, 200mV	0.24	100	1000



### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.6 $\pm$ 0.15	0.8 $\pm$ 0.15	0.5 $\pm$ 0.05	0.3 $\pm$ 0.2
inches	0.063 $\pm$ 0.006	0.031 $\pm$ 0.006	0.020 $\pm$ 0.002	0.012 $\pm$ 0.008



### CHARACTERISTICS

**Description:** SMD Multi-layer Power Chip Inductor. Magnetically shielded.

**Applications:** Cellular phones, Power modules, DC/DC converters, Digital cameras, DVD, Portable devices, etc.

**Operating Temperature:** -55°C to 125°C (including self - temp. rise).

**Isat:** Inductance drop 30% from its value with current.

**Irms:** 40°C temperature rise from 25°C ambient with current.

**Inductance Tolerance:**  $\pm 20\%$  (M),  $\pm 30\%$  (N)

**Packaging:** Tape & Reel.

**Miscellaneous:** **RoHS Compliant.**

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

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

### PAD LAYOUT

