

## CTMLP080604AF

### Series

From 0.47 $\mu$ H to 4.7 $\mu$ H

### SPECIFICATIONS

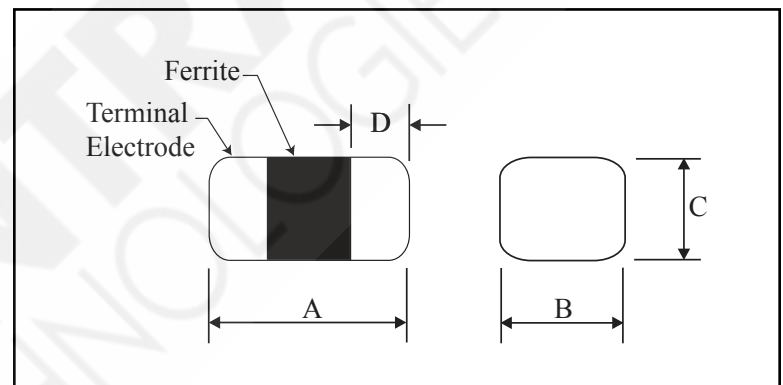
Please specify tolerance code when ordering.  
CTMLP080604AF-R47\_ ← M =  $\pm 20\%$ , N =  $\pm 30\%$

Part Number	Inductance ( $\mu$ H)	Test Frequency	DCR $\pm 25\%$ ( $\Omega$ )	Isat Max. (mA)	Irms Max. (mA)
CTMLP080604AF-R47_	0.47	3.0MHz, 200mV	0.06	1200	1600
CTMLP080604AF-1R0_	1.0	3.0MHz, 200mV	0.085	850	1300
CTMLP080604AF-1R5_	1.5	3.0MHz, 200mV	0.11	600	1200
CTMLP080604AF-2R2_	2.2	3.0MHz, 200mV	0.11	400	1200
CTMLP080604AF-3R3_	3.3	3.0MHz, 200mV	0.12	350	850
CTMLP080604AF-4R7_	4.7	3.0MHz, 200mV	0.14	200	1100



### PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.0 $\pm$ 0.20	1.6 $\pm$ 0.20	1.00	0.5 $\pm$ 0.3
inches	0.079 $\pm$ 0.008	0.063 $\pm$ 0.008	0.039	0.020 $\pm$ 0.012



### 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

