

## CTMLP100804CF

### Series

From 0.24µH to 2.2µH



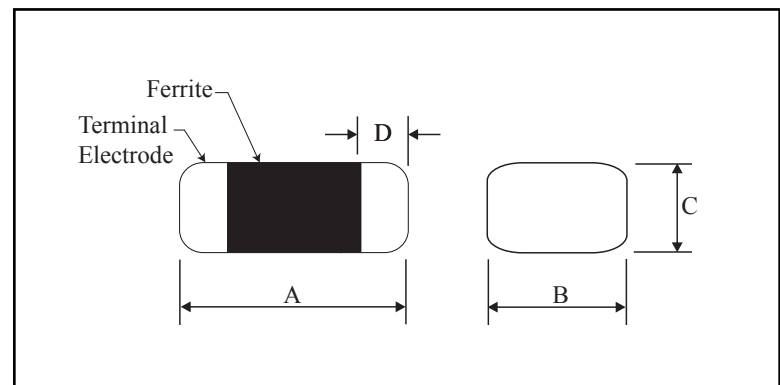
### SPECIFICATIONS

Please specify tolerance code when ordering.  
CTMLP100804CF-R24\_ ← M = ±20%, N = ±30%

Part Number	Inductance (µH)	Test Frequency	DCR ±25% (Ω)	Isat Max.(Typ.) (mA)	Irms Max.(Typ.) (mA)
CTMLP100804CF-R24_	0.24	3.0MHz, 200mV	0.024	4800(5200)	4100(4900)
CTMLP100804CF-R47_	0.47	3.0MHz, 200mV	0.040	3100(3500)	3000(3600)
CTMLP100804CF-1R0_	1.0	3.0MHz, 200mV	0.050	1500(1900)	2900(3500)
CTMLP100804CF-2R2_	2.2	3.0MHz, 200mV	0.110	1400(1700)	1600(1900)

### PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.5 ± 0.20	2.0 ± 0.20	1.00	0.6 ± 0.2
inches	0.098 ± 0.008	0.079 ± 0.008	0.039	0.024 ± 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:** ±20% (M), ±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

