

## CTMLP080504CF

### Series

From 0.24µH to 2.2µH



#### 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.**

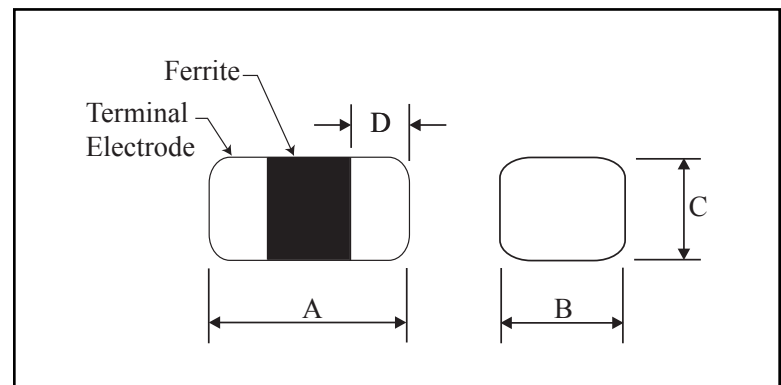
#### SPECIFICATIONS

Please specify tolerance code when ordering.  
CTMLP080504CF-R47\_ ← M = ±20%, N = ±30%

Part Number	Inductance (µH)	Test Frequency	DCR ±25% (Ω)	Isat Max.(Typ.) (mA)	Irms Max.(Typ.) (mA)
CTMLP080504CF-R24_	0.24	3.0MHz, 200mV	0.03	2700(3300)	2400(3200)
CTMLP080504CF-R47_	0.47	3.0MHz, 200mV	0.06	1600(2000)	2200(3000)
CTMLP080504CF-1R0_	1.0	3.0MHz, 200mV	0.10	1400(1700)	1800(2100)
CTMLP080504CF-2R2_	2.2	3.0MHz, 200mV	0.125	500(800)	1600(1900)

#### PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.0 ± 0.20	1.25 ± 0.20	1.00	0.5 ± 0.3
inches	0.079 ± 0.008	0.049 ± 0.008	0.039	0.020 ± 0.012



#### PAD LAYOUT

