

# CTMLP100804AF

## Series

From 0.56µH to 4.7µH

### SPECIFICATIONS

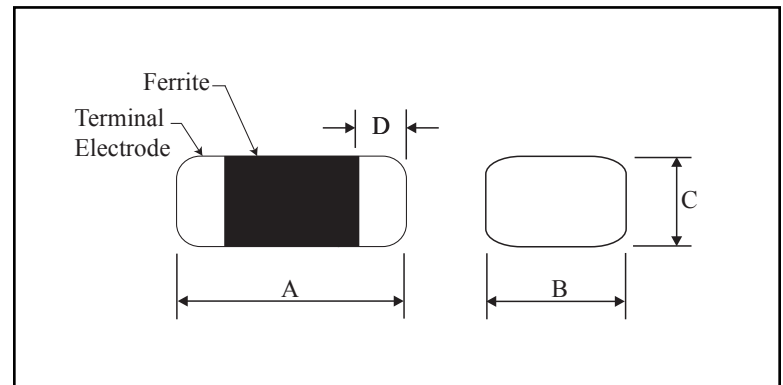
Please specify tolerance code when ordering.  
 CTMLP100804AF-R56\_ ← M = ±20%, N = ±30%

Part Number	Inductance (µH)	Test Frequency	DCR ±30% (Ω)	Rated Current Max. (mA)
CTMLP100804AF-R56_	0.56	1.0MHz, 200mV	0.05	1300
CTMLP100804AF-1R0_	1.0	1.0MHz, 200mV	0.11	1200
CTMLP100804AF-1R5_	1.5	1.0MHz, 200mV	0.13	1100
CTMLP100804AF-2R2_	2.2	1.0MHz, 200mV	0.15	1000
CTMLP100804AF-3R3_	3.3	1.0MHz, 200mV	0.18	1000
CTMLP100804AF-4R7_	4.7	1.0MHz, 200mV	0.25	900



### PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.5 ± 0.20	2.0 ± 0.20	1.0	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).

**Rated Current:** For a 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

