

CTMLP080504AF

Series

From 1.0 μ H to 4.7 μ H



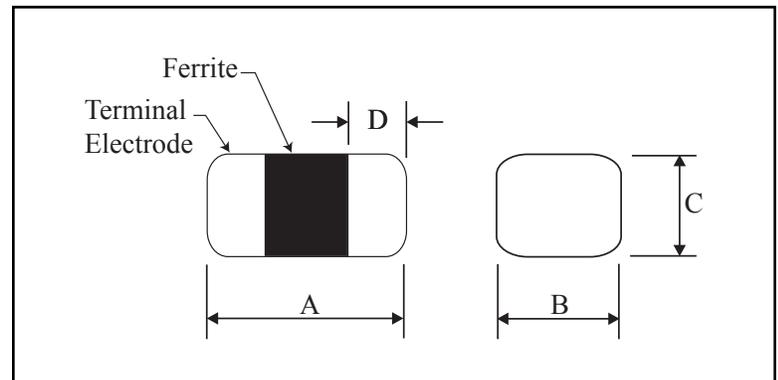
SPECIFICATIONS

Please specify tolerance code when ordering.
CTMLP080504AF-1R0_ ← M = $\pm 20\%$, N = $\pm 30\%$

Part Number	Inductance (μ H)	Test Frequency	DCR $\pm 30\%$ (Ω)	Rated Current Max. (mA)
CTMLP080504AF-1R0_	1.0	1MHz, 200mV	0.18	1100
CTMLP080504AF-1R5_	1.5	1MHz, 200mV	0.19	1000
CTMLP080504AF-2R2_	2.2	1MHz, 200mV	0.22	900
CTMLP080504AF-3R3_	3.3	1MHz, 200mV	0.25	700
CTMLP080504AF-4R7_	4.7	1MHz, 200mV	0.35	600

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.0 \pm 0.20	1.25 \pm 0.20	1.0	0.5 \pm 0.3
inches	0.079 \pm 0.008	0.049 \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).

Rated Current: For a 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

