

CTMLP080502F

Series

From 0.47 μ H to 4.7 μ H

SPECIFICATIONS

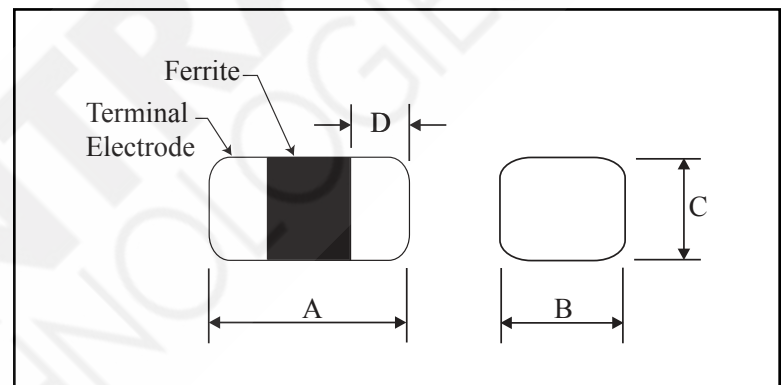
Please specify tolerance code when ordering.
CTMLP080502F-R47_ ← M = $\pm 20\%$, N = $\pm 30\%$

Part Number	Inductance (μ H)	Test Frequency	DCR $\pm 30\%$ (Ω)	Isat Max. (mA)	Irms Max. (mA)
CTMLP080502F-R47_	0.47	3.0MHz, 200mV	0.11	900	1200
CTMLP080502F-1R0_	1.0	3.0MHz, 200mV	0.16	300	900
CTMLP080502F-1R5_	1.5	3.0MHz, 200mV	0.18	250	800
CTMLP080502F-2R2_	2.2	3.0MHz, 200mV	0.29	200	600
CTMLP080502F-4R7_	4.7	3.0MHz, 200mV	0.50	100	700



PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.0 \pm 0.20	1.25 \pm 0.20	0.55	0.5 \pm 0.3
inches	0.079 \pm 0.008	0.049 \pm 0.008	0.022	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

