

CTMLP060303F

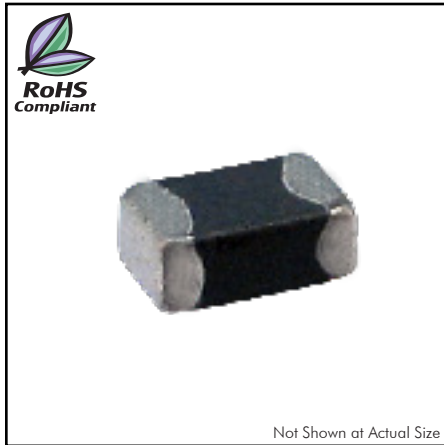
Series

From 0.47 μ H to 2.2 μ H

SPECIFICATIONS

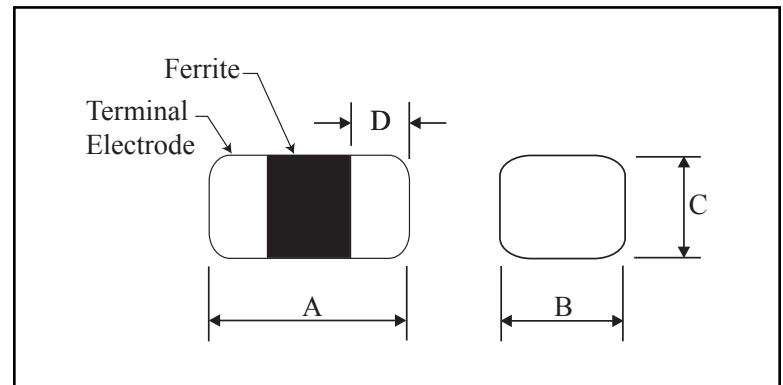
Please specify tolerance code when ordering.
CTMLP060303F-R47_ ← M = $\pm 20\%$, N = $\pm 30\%$

Part Number	Inductance (μ H)	Test Frequency	DCR $\pm 30\%$ (Ω)	Isat Max. (mA)	Irms Max. (mA)
CTMLP060303F-R47_	0.47	3.0MHz, 200mV	0.15	400	1100
CTMLP060303F-1R0_	1.0	3.0MHz, 200mV	0.20	200	950
CTMLP060303F-2R2_	2.2	3.0MHz, 200mV	0.30	150	750



PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.3 \pm 0.2
inches	0.063 \pm 0.006	0.031 \pm 0.006	0.031 \pm 0.006	0.012 \pm 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: $\pm 20\%$ (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

