CTMLP080504BF Series

From 0.47µH to 4.7µH

CHARACTERISTICS

Description: SMD Multi-layer Power Chip Inductor. Magnetically shielded.
Applications: Cellular phones, Power modules, DC/DC converters, Digital cameras, DVD, Portalble 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.

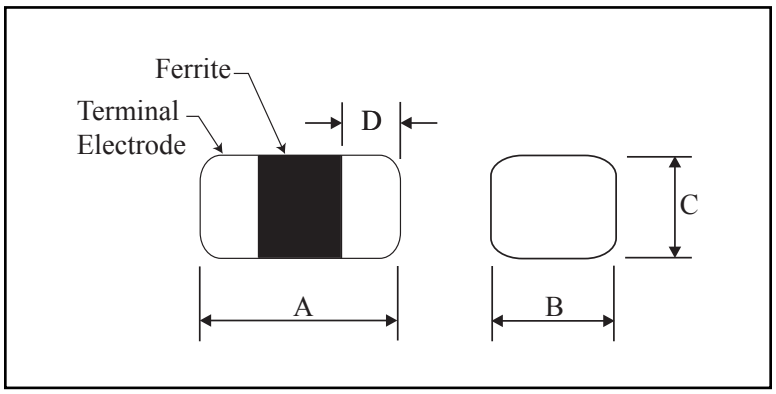
SPECIFICATIONS

Please specify tolerance code when ordering.
CTMLP080504BF-R47_ ← M = ±20%, N = ±30%

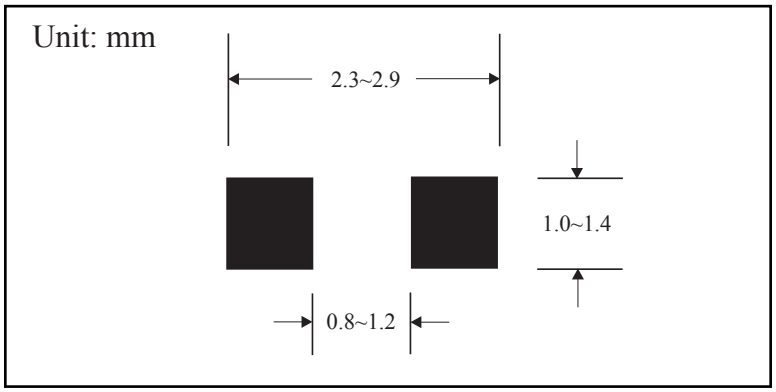
Part Number	Inductance (µH)	Test Frequency	DCR ±30% (Ω)	Isat Max. (mA)	Irms Max. (mA)
CTMLP080504BF-R47_	0.47	3.0MHz, 200mV	0.09	1000	1300
CTMLP080504BF-1R0_	1.0	3.0MHz, 200mV	0.12	650	1200
CTMLP080504BF-1R5_	1.5	3.0MHz, 200mV	0.15	450	1100
CTMLP080504BF-2R2_	2.2	3.0MHz, 200mV	0.19	400	1100
CTMLP080504BF-3R3_	3.3	3.0MHz, 200mV	0.15±25%	300	1000
CTMLP080504BF-4R7_	4.7	3.0MHz, 200mV	0.23±25%	200	800

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



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