CTMLP100804BF 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.

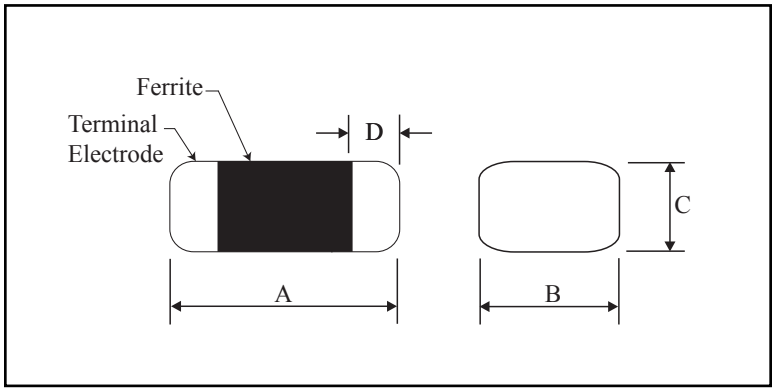
SPECIFICATIONS

Please specify tolerance code when ordering.
CTMLP100804BF-R47_ ← M = ±20%, N = ±30%

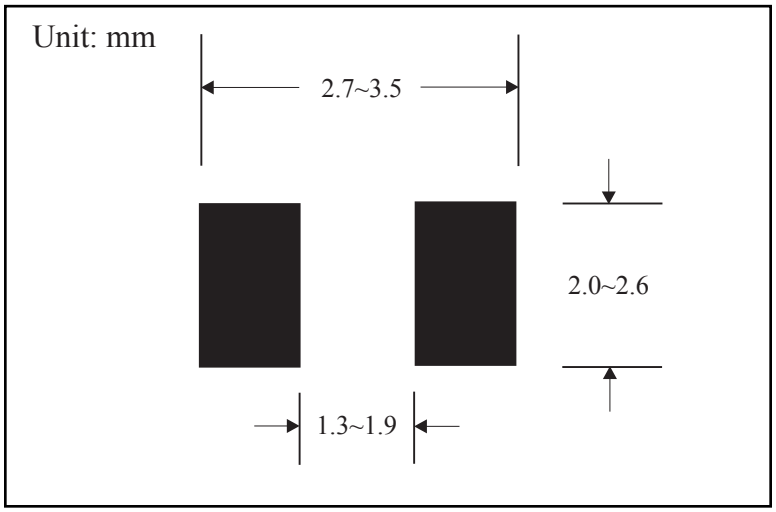
Part Number	Inductance (µH)	Test Frequency	DCR ±25% (Ω)	Isat Max. (mA)	Irms Max. (mA)
CTMLP100804BF-R47_	0.47	3.0MHz, 200mV	0.04	1500	1800
CTMLP100804BF-1R0_	1.0	3.0MHz, 200mV	0.055	900	1600
CTMLP100804BF-1R5_	1.5	3.0MHz, 200mV	0.07±30%	800	1400
CTMLP100804BF-2R2_	2.2	3.0MHz, 200mV	0.08	500	1300
CTMLP100804BF-3R3_	3.3	3.0MHz, 200mV	0.10	400	1200
CTMLP100804BF-4R7_	4.7	3.0MHz, 200mV	0.11	300	1100

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.5 ± 0.20	2.0 ± 0.20	1.00	0.6 ± 0.2
inches	0.098 ± 0.008	0.079 ± 0.008	0.039	0.024 ± 0.008



PAD LAYOUT



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