

CTML1206HCF Series

From .47 μ H to 4.7 μ H



CHARACTERISTICS

Description: Ferrite core, multi-layer chip inductor. Magnetic shielded.

Applications: LC resonant circuits such as oscillator and signal generators, RF filters, disk drives, audio and video equipment, TV, radio and telecommunication equipment.

Operating Temperature: -25°C to +85°C

Inductance Tolerance: M = $\pm 20\%$

Testing: Inductance and Q are tested on an HP4287A at 1MHz, 250mV.

Packaging: Tape & Reel.

Marking: Reels marked with inductance code and tolerance.

Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance only.

Part Number	Inductance (μ H)	Test Freq. (MHz)	SRF Min. (MHz)	DCR $\pm 30\%$ (Ω)	IDC Max. (mA)
CTML1206HCF-R47M	0.47	1MHz	100	0.14	1500
CTML1206HCF-R68M	0.68	1MHz	90	0.15	1500
CTML1206HCF-R82M	0.82	1MHz	80	0.16	1500
CTML1206HCF-1R0M	1.0	1MHz	60	0.16	1400
CTML1206HCF-1R2M	1.2	1MHz	60	0.16	1400
CTML1206HCF-1R5M	1.5	1MHz	50	0.20	1200
CTML1206HCF-1R8M	1.8	1MHz	50	0.20	1200
CTML1206HCF-2R2M	2.2	1MHz	40	0.22	1200
CTML1206HCF-3R3M	3.3	1MHz	30	0.24	1100
CTML1206HCF-4R7M	4.7	1MHz	20	0.30	1100

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	3.2 \pm 0.2	1.60 \pm 0.2	1.1 \pm 0.2	0.5 \pm 0.3
inches	0.126 \pm 0.008	0.062 \pm 0.008	0.043 \pm 0.008	0.020 \pm 0.012

