

CTMP2 Series

From 0.47 μH to 47 μH



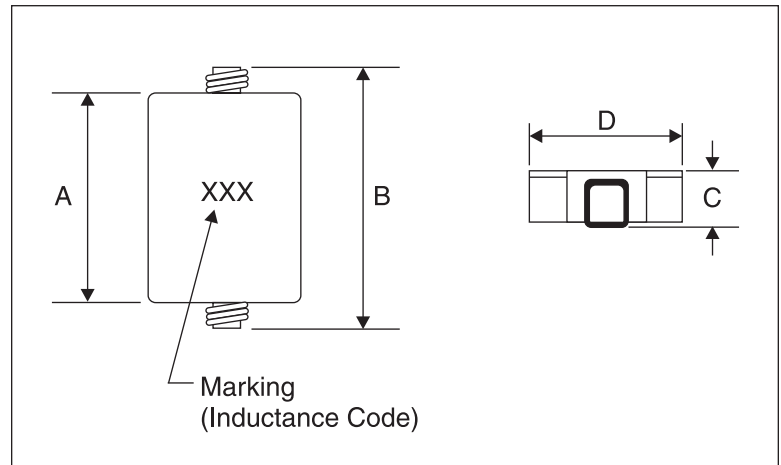
SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only
 CTMP2E Please specify "E" for RoHS Compliant

Part Number	Inductance (μH)	OCL ($\mu\text{H} \pm 20\%$)	L Test Freq. (KHz)	Q Fact. (Typ.)	Q Test Freq. (KHz)	Isat Peak (A)	DCR @ 20°C (Ω Max.)
CTMP2_-R47	.47	0.40	100	10	300	3.4	0.075
CTMP2_-1R0	1.0	1.02	100	20	300	2.1	0.103
CTMP2_-1R5	1.5	1.59	100	25	300	1.7	0.118
CTMP2_-2R2	2.2	2.29	100	32	300	1.4	0.130
CTMP2_-3R3	3.3	3.58	100	42	300	1.1	0.156
CTMP2_-4R7	4.7	4.60	100	46	300	1.0	0.180
CTMP2_-6R8	6.8	7.02	100	46	300	0.8	0.202
CTMP2_-100	10	9.95	100	55	300	0.68	0.240
CTMP2_-150	15	15.30	100	65	300	0.54	0.300
CTMP2_-220	22	21.80	100	65	300	0.45	0.360
CTMP2_-330	33	33.70	100	65	300	0.37	0.556
CTMP2_-470	47	46.40	100	65	300	0.31	0.833

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D Max.
mm	5.88	7.50	1.8	5.2
inches	0.231	0.295	0.071	0.205



CHARACTERISTICS

Description: SMD Low Profile Power Inductors

Applications: Wireless and hand-held equipment applications such as PC cards, cellular telephones, pagers, GPS, and disk drives.

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Storage Temperature: -40°C to $+125^{\circ}\text{C}$

Testing: Inductance & Q is tested on an HP4284A at specified frequency.

OCL Test Parameters: 100KHz, 0.25 Vrms, 0.0 Adc

Packaging: Bulk pack

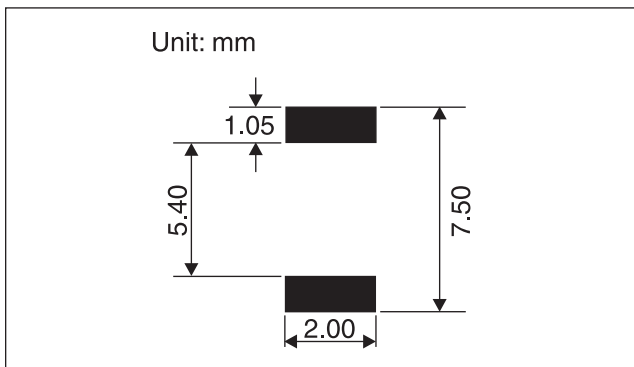
Marking: Marked with inductance code

Miscellaneous: RoHS Compliant available.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



08.29.06