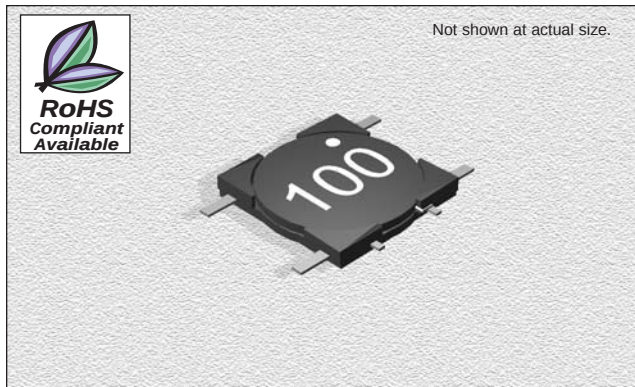


CTCMD4D06 Series

From 2.2 μH to 47 μH



CHARACTERISTICS

Description: SMD power inductor

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Operating Temperature: -25°C to +85°C

Inductance Tolerance: $\pm 20\%$

Testing: Tested on a HP4285A at 100 KHz, 1V

Packaging: Tape & Reel

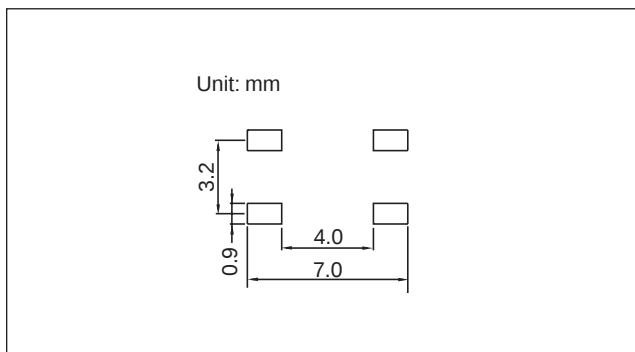
Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

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

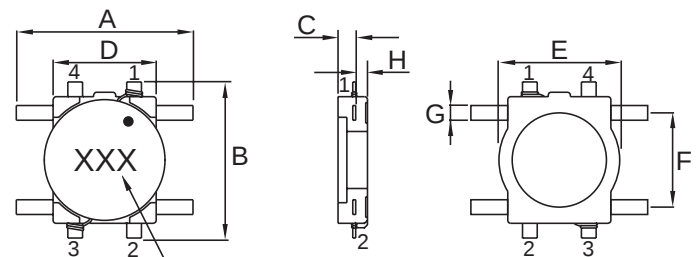
CTCMD4D06E Please specify "F" for RoHS Compliant

*Rated Current: Inductance drop = 10% typ.

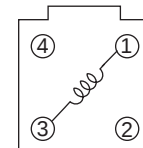
Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Max. (Ω)	Rated Current* Max. (A)
CTCMD4D06_-2R2M	2.2	100	0.116	0.95
CTCMD4D06_-3R3M	3.3	100	0.174	0.77
CTCMD4D06_-4R7M	4.7	100	0.216	0.75
CTCMD4D06_-6R8M	6.8	100	0.296	0.62
CTCMD4D06_-100M	10	100	0.457	0.5
CTCMD4D06_-150M	15	100	0.676	0.4
CTCMD4D06_-220M	22	100	1.066	0.3
CTCMD4D06_-330M	33	100	1.647	0.24
CTCMD4D06_-470M	47	100	2.843	0.18

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F	G	H
mm	6.3	5.8	0.8	3.5	4.1	3.2	0.5	0.4
inches	0.248	0.228	0.031	0.138	0.161	0.126	0.020	0.016



Marking: Inductance Code



Bottom View