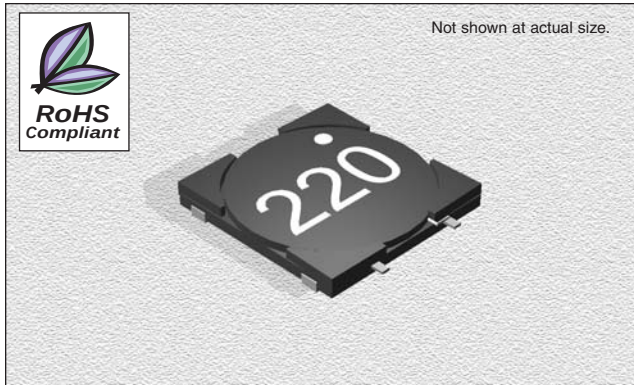


CTCMD5D13F Series

From 3.3 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: -40°C to +85°C

Inductance Tolerance: $\pm 20\%$

Testing: Tested on a HP4285A at 100 KHz, 0.1V

Packaging: Tape & Reel

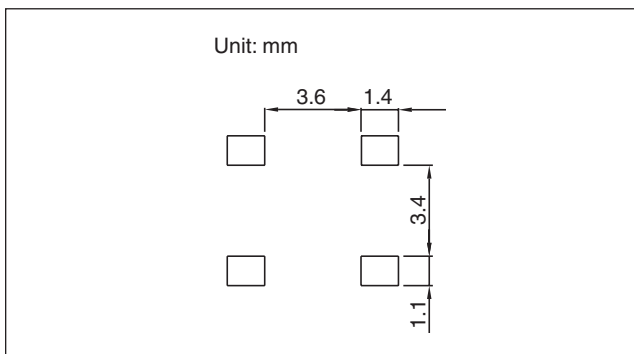
Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

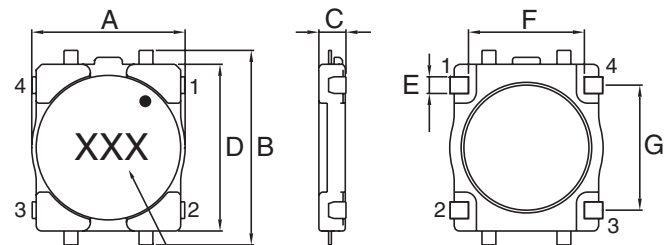
Parts are available in $\pm 20\%$ inductance tolerance only.

*Rated Current: Inductance drop = 35% typ.

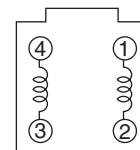
Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Max. (Ω)	Rated Current* Max. (A)
CTCMD5D13F-3R3M	3.3	100	0.081	1.25
CTCMD5D13F-4R7M	4.7	100	0.106	1.20
CTCMD5D13F-6R8M	6.8	100	0.144	0.90
CTCMD5D13F-100M	10	100	0.187	0.85
CTCMD5D13F-150M	15	100	0.300	0.57
CTCMD5D13F-220M	22	100	0.431	0.54
CTCMD5D13F-330M	33	100	0.637	0.28
CTCMD5D13F-470M	47	100	0.875	0.35

PHYSICAL DIMENSIONS

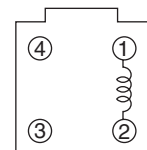
Size	A Max.	B Max.	C Max.	D	E	F	G
mm	5.8	7.4	1.5	6.0	0.6	4.2	4.5
inches	0.228	0.291	0.059	0.236	0.024	0.165	0.177



Marking: Inductance Code



3.3 μH ~ 15 μH
Bottom View



22 μH ~ 47 μH
Bottom View