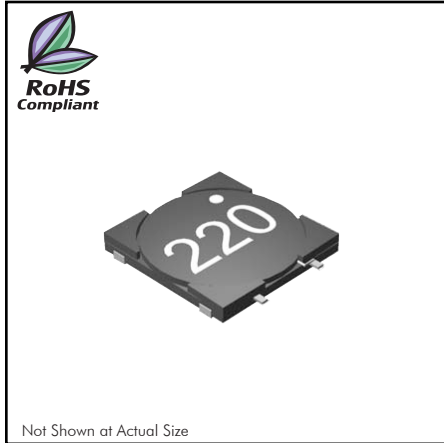


# CTCMD5D13F Series

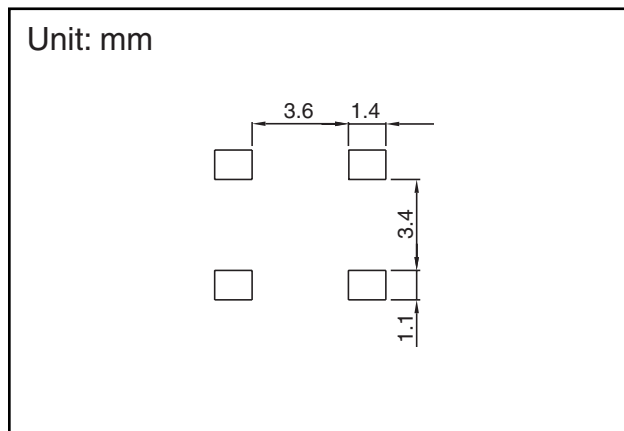
From 3.3 $\mu$ H to 47 $\mu$ H



### 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 100kHz, 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 ( $\mu$ H $\pm 20\%$ )	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	*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	B	C	D	E	F	G
	Max.	Max.	Max.				
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

