

## CTEP125HF Series

### From 1.0 $\mu$ H to 7.2 $\mu$ H



### SPECIFICATIONS

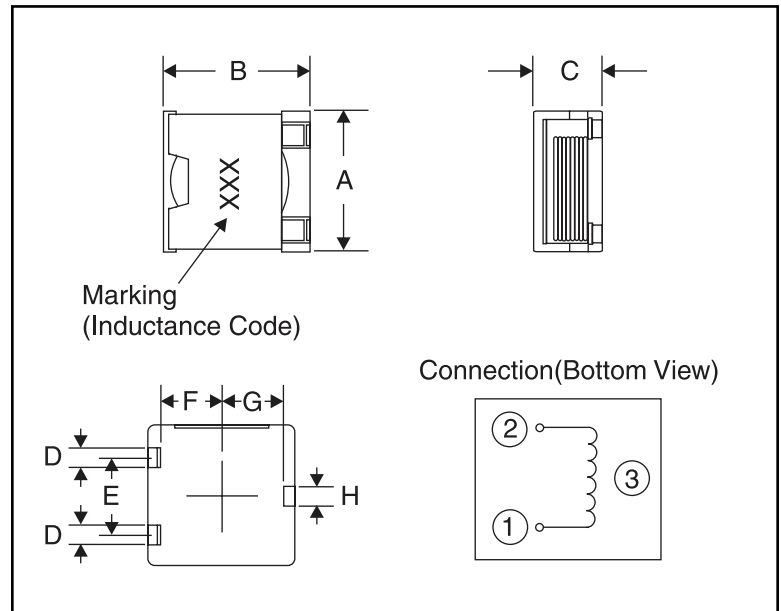
Parts are available in  $\pm 20\%$  only

\*This indicates the value of current when the inductance is over 75% of the nominal value.

Part Number	Inductance ( $\mu$ H $\pm 20\%$ )	L Test Freq. (kHz)	DCR Max. (m $\Omega$ )	*Current (A)
CTEP125HF-1R0	1.0	100	2.5	20
CTEP125HF-1R8	1.8	100	3.4	15.3
CTEP125HF-2R8	2.8	100	5.4	12.3
CTEP125HF-4R0	4.0	100	8.0	10.3
CTEP125HF-5R6	5.6	100	11.4	8.8
CTEP125HF-7R2	7.2	100	13.5	7.8

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H
			Max.					
mm	12.5 $\pm$ .4	12.5 $\pm$ .4	5.6	2.6 $\pm$ .2	7.0 $\pm$ .2	4.0 $\pm$ .2	4.2 $\pm$ .2	2.5 $\pm$ .2
inches	0.50 $\pm$ .02	.50 $\pm$ .02	.22	.10 $\pm$ .01	.28 $\pm$ .01	.16 $\pm$ .01	.17 $\pm$ .1	.10 $\pm$ .01



### CHARACTERISTICS

- Description:** SMD shielded power inductor
- Applications:** Power supplies OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -30°C to +100°C
- Inductance Tolerance:**  $\pm 20\%$
- Testing:** Tested on a HP4285A at 100kHz, 0.25Vrms, 0Adc
- 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

