

## CTEP125HF Series

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

### SPECIFICATIONS

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

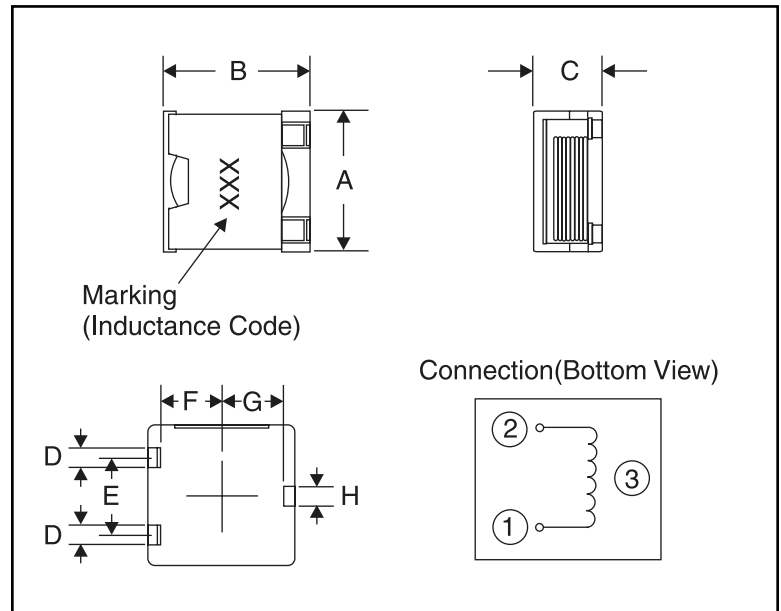
\*This indicates the value of current when the inductance is over 75% of the nominal value.

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	3.8	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	5.8	2.6 $\pm$ 2	7.0 $\pm$ 2	4.0 $\pm$ 2	4.2 $\pm$ 2	2.5 $\pm$ 2
inches	0.50 $\pm$ 0.02	.50 $\pm$ 0.02	.23	.10 $\pm$ 0.01	.28 $\pm$ 0.01	.16 $\pm$ 0.01	.17 $\pm$ 0.01	.10 $\pm$ 0.01



### 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

**Samples available. See website for ordering information.**

### PAD LAYOUT

