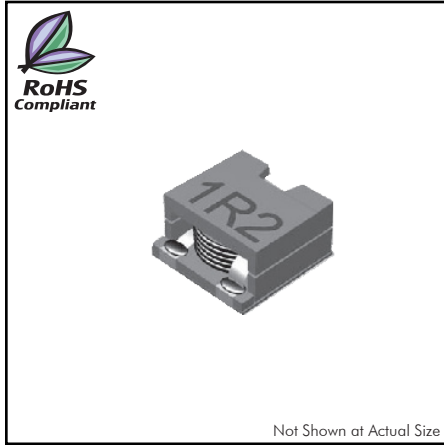


## CTEP125SF Series

From 1.2 $\mu$ H to 10 $\mu$ H



### CHARACTERISTICS

- Description:** SMD shielded power inductor
- Applications:** Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -30°C to +100°C
- Storage 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.**

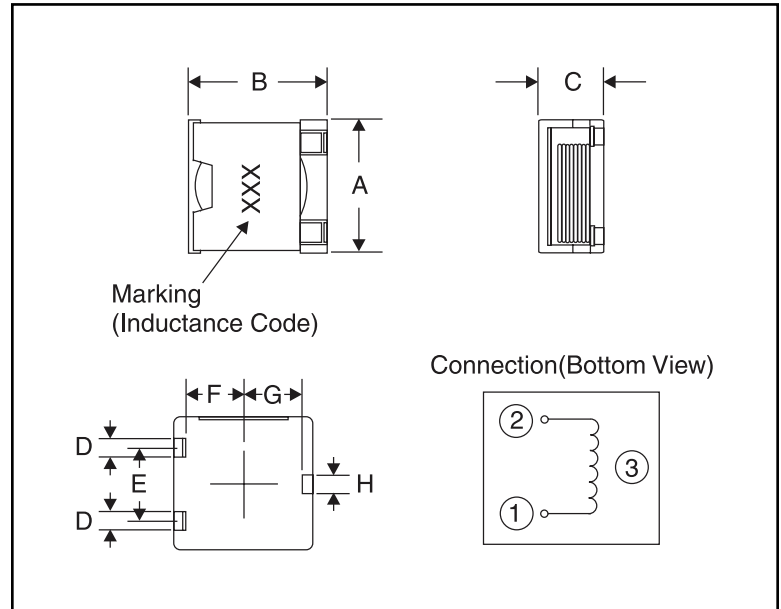
### SPECIFICATIONS

Parts are available in  $\pm 20\%$  inductance tolerance only.  
 \* This indicates the current when the inductance decreases to 75% over its nominal value or DC current when the temperature rising  $T=40^\circ\text{C}$  lower, whichever is lower.

Part Number	Inductance ( $\mu\text{H} \pm 20\%$ )	L Test Freq. (kHz)	DCR Max. (m $\Omega$ )	*Current (A)
CTEP125SF-1R2M	1.2	100	2.5	17.0
CTEP125SF-1R5M	1.5	100	2.5	14.0
CTEP125SF-2R5M	2.5	100	3.4	10.0
CTEP125SF-4R0M	4.0	100	5.4	8.3
CTEP125SF-6R0M	6.0	100	8.0	6.7
CTEP125SF-8R2M	8.2	100	11.4	5.8
CTEP125SF-100M	10	100	13.5	5.0

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H
	Max.	Max.	Max.					
mm	12.9	12.9	5.8	2.6 $\pm$ .2	7.0 $\pm$ .2	4.0 $\pm$ .2	4.2 $\pm$ .2	2.5 $\pm$ .2
inches	.51	.51	.23	.10 $\pm$ .01	.28 $\pm$ .01	.16 $\pm$ .01	.17 $\pm$ .01	.10 $\pm$ .02



### PAD LAYOUT

