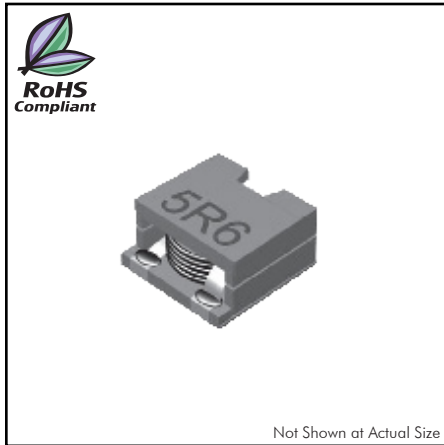


## CTEP125UF Series

From 0.3 $\mu$ H to 5.6 $\mu$ H



### CHARACTERISTICS

- Description:** SMD shielded power inductor
- Applications:** Power supplies for OA equipment, LCD televisions, PC notenooks, 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.**

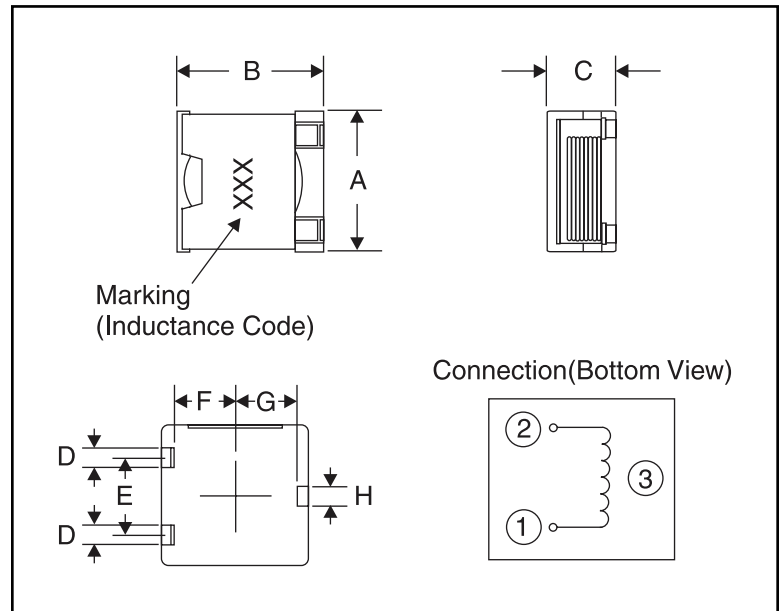
### SPECIFICATIONS

\*This indicates the current when the inductance decreases to 75% over its nominal value or DC current when the temperature rising  $\Delta T=40^\circ\text{C}$  lower, whichever is lower.

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (kHz)	DCR Max. (m $\Omega$ )	*Current (A)
CTEP125UF-0R3M	0.3	100	2.5	35.0
CTEP125UF-0R6M	0.6	100	2.5	30.0
CTEP125UF-0R8M	0.8	100	2.5	27.2
CTEP125UF-1R4M	1.4	100	3.4	20.8
CTEP125UF-2R2M	2.2	100	5.4	14.8
CTEP125UF-3R2M	3.2	100	8.0	12.8
CTEP125UF-4R3M	4.3	100	11.4	11.0
CTEP125UF-5R6M	5.6	100	13.5	9.5

### 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

