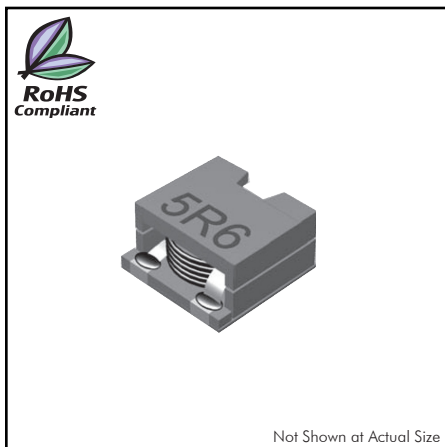


CTEP125UF Series From 0.3 μ H to 5.6 μ H



CHARACTERISTICS

Description: SMD shielded power inductor

Applications: Power supplies for VTR, 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.

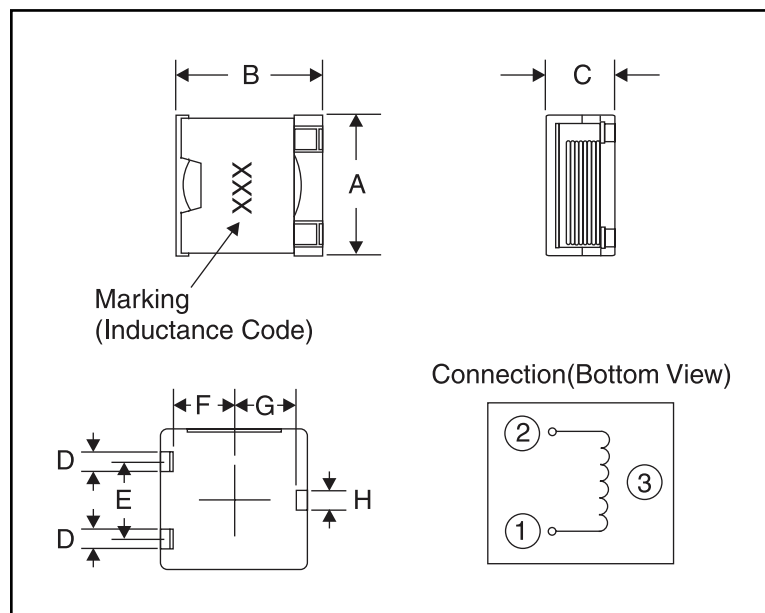
SPECIFICATIONS

*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 (μH)	L Test Freq. (kHz)	DCR Max. (m Ω)	*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

