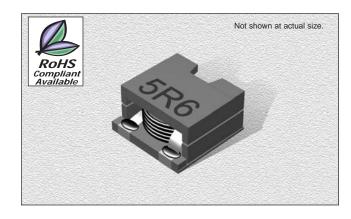
www.DataSheet4U.com

CTEP125U Series

From 0.3 μH to 5.6 μH



CHARACTERISTICS

Description: SMD shielded power inductor

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment,

DC/DC converters, etc.

Operating Temperature: -30°C to +100°C

Inductance Tolerance: ±20%

Testing: Tested on a HP4285A at 100 KHz, 0.25Vrms, 0Adc

Packaging: Tape & Reel

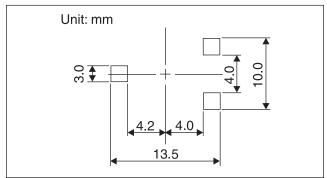
Marking: Parts are marked with inductance code **Miscellaneous:** RoHS Compliant available.

Additional Information: Additional electrical & physical

information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

Parts are available in ±20% only.

* This indicates the current when the inductance decreases to 75% over it's nominal value or DC current when the temperature rising ΔT =40°C lower, whichever is lower.

CTEP125UF Please specify "F" for RoHS compliant

Part Number	Inductance (µH ±20%)	L Test Freq. (kHz)	DCR Max. (mΩ)	*Current (A)	
CTEP125U0R3M CTEP125U0R6M CTEP125U0R8M	0.3 0.6 0.8	100 100 100	2.5 2.5 2.5	35.0 30.0 27.2	
CTEP125U1R4M CTEP125U2R2M CTEP125U3R2M CTEP125U4R3M	1.4 2.2 3.2 4.3	100 100 100 100	3.4 5.4 8.0 11.4	20.8 14.8 12.8 11.0	
CTEP125U -5R6M	5.6	100	13.5	9.5	

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F	G	Н
mm	12.9	12.9	5.8	2.6±.2	7.0±.2	4.0±.2	4.2±.2	2.5±.2
inches	.51	.51	.23	.10±.01	.28±.01	.16±.01	0.17±0.1	.10±.01

