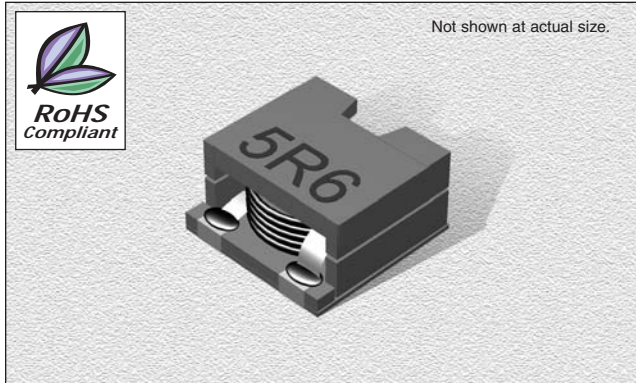


CTEP125HF Series

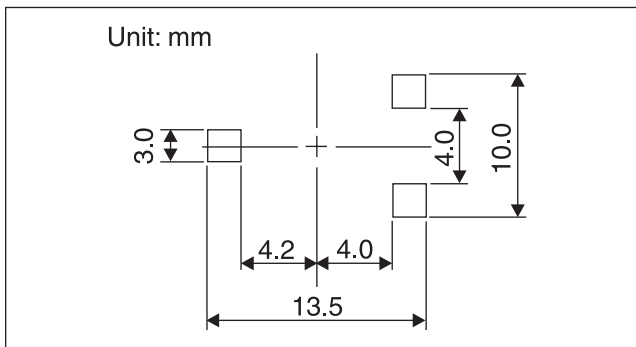
From 1.0 μH to 7.2 μH



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:** $\pm 20\%$
- Testing:** Tested on a HP4285A at 100 KHz , 0.25Vrms , 0A dc
- 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.**

PAD LAYOUT



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 ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Max. (m Ω)	*Current (A)
CTEP125HF-1R0	1.0	100	2.5	20
CTEP125HF-1R8	1.8	100	3.4	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 Max.	D	E	F	G	H
mm	12.5 \pm 4	12.5 \pm 4	5.6	2.6 \pm 2	7.0 \pm 2	4.0 \pm 2	4.2 \pm 2	2.5 \pm 2
inches	.50 \pm .02	.50 \pm .02	.22	.10 \pm .01	.28 \pm .01	.16 \pm .01	0.17 \pm 0.1	.10 \pm .01

