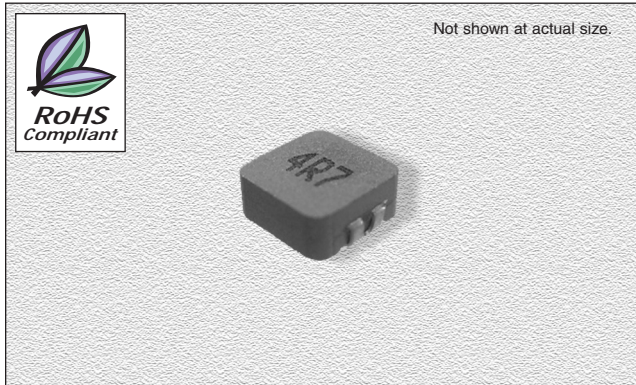


CTIHLP73VCZF Series

From .10 μ H to 4.7 μ H



CHARACTERISTICS

- Description:** SMD (shielded) power inductor
- Applications:** High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, Servers, and desktop CPUs. High speed chargers.
- Operating Temperature:** -55°C to +125°C
- Inductance Tolerance:** $\pm 20\%$
- Testing:** Inductance is tested on an HP4285A at 100KHz, 0.5V
- 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.**

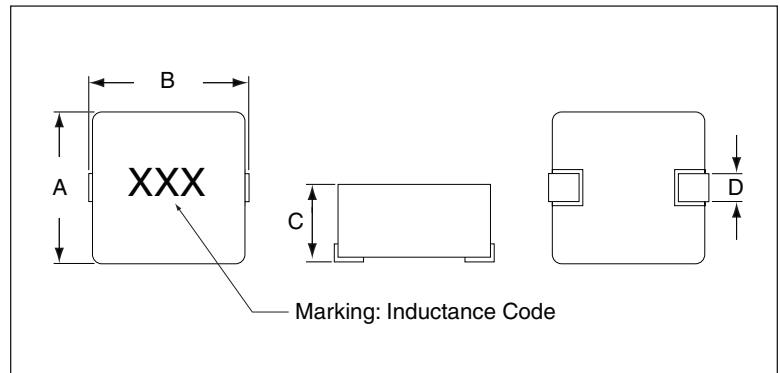
SPECIFICATIONS

Parts are only available $\pm 20\%$ inductance tolerance only
 *I_{rms} DC current (A) will cause an approximately ΔT of 40°C.
 **I_{sat} DC current (A) will cause L0 to drop approximately 20%.

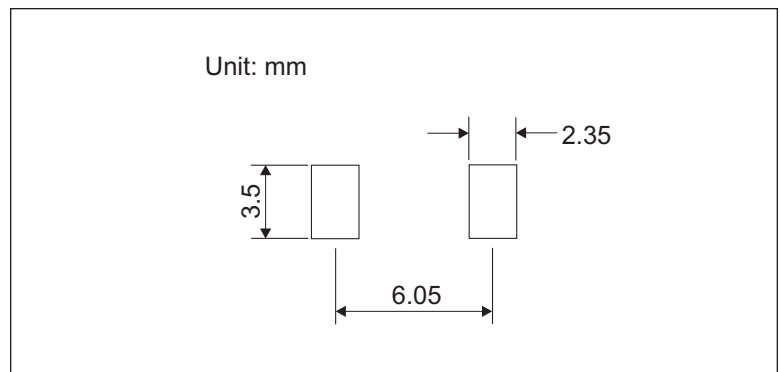
Part Number	Inductance (μ H)	L Test Freq. (KHz)	*I _{rms} Typ. (A)	**I _{sat} Typ. (A)	DCR Max. (m Ω)
CTIHLP73VCZF-R10M	0.10	100	32	45	1.9
CTIHLP73VCZF-R30M	0.30	100	20	33	4.1
CTIHLP73VCZF-R33M	0.33	100	20	33	4.1
CTIHLP73VCZF-R47M	0.47	100	16.5	27	5.2
CTIHLP73VCZF-R68M	0.68	100	15	24	6.0
CTIHLP73VCZF-R82M	0.82	100	13	23	8.0
CTIHLP73VCZF-1R0M	1.0	100	12	22	10.0
CTIHLP73VCZF-1R5M	1.5	100	9.5	18	13.5
CTIHLP73VCZF-2R2M	2.2	100	8.5	14	17
CTIHLP73VCZF-3R3M	3.3	100	6	12	32
CTIHLP73VCZF-4R7M	4.7	100	5.5	9	35

PHYSICAL DIMENSIONS

Size	A	B Max.	C Max.	D Typ.
mm	6.6 \pm 0.2	7.3	3.0	2.4
inches	0.26 \pm 0.008	0.29	0.12	0.09



RECOMMENDED LAND PATTERN



04.15.08