

CTIHLP104SF Series

From 2.2 μ H to 4.7 μ H



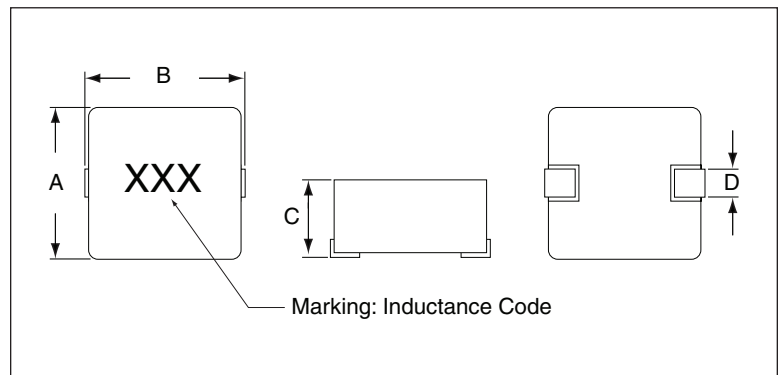
SPECIFICATIONS

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)
CTIHLP104SF-2R2M	2.2	100	14	18	7.0
CTIHLP104SF-3R3M	3.3	100	10.5	14	14.5
CTIHLP104SF-4R7M	4.7	100	10	13	16

PHYSICAL DIMENSIONS

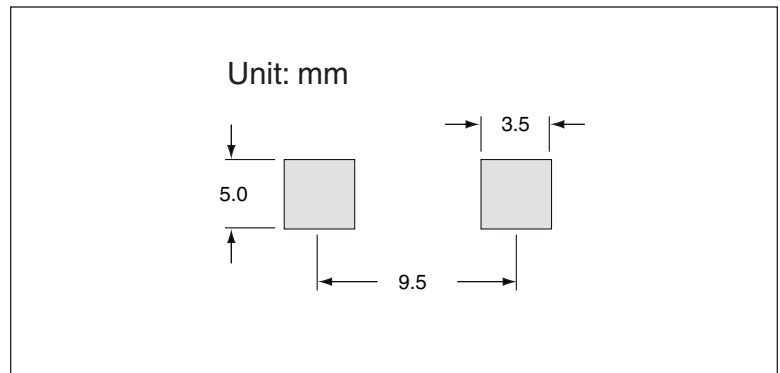
Size	A	B Max.	C Max.	D Typ.
mm	10.1 \pm 0.3	11.6	4.0	2.0
inches	0.39 \pm 0.01	0.46	0.15	0.08



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.**

RECOMMENDED LAND PATTERN



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