

CTIHLP104SF Series

From 2.2 μ H to 4.7 μ H

SPECIFICATIONS

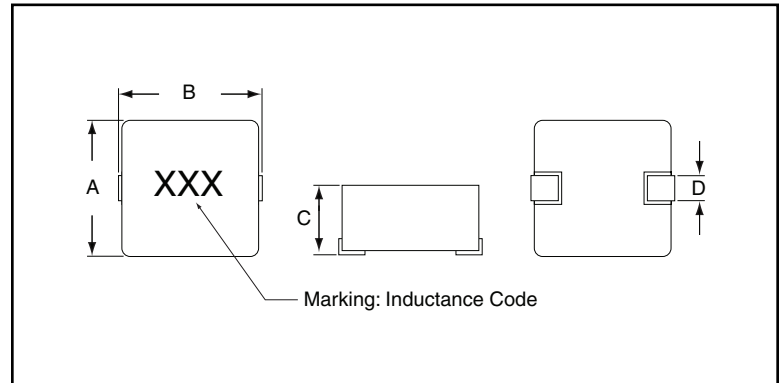
Parts are only available in $\pm 20\%$ inductance tolerance only
 *I_{rms} DC current (A) will cause ab approximately ΔT of 40°C.
 **Isat DC current (A) will cause L0 to drop approximately 30%

Part Number	Inductance (μ H)	L Test Freq. (kHz)	*I _{rms} Typ. (A)	**Isat Typ. (A)	DCR Max. (m Ω)
CTIHLP104SF-2R2M	2.2	100	14	16	7.0
CTIHLP104SF-3R3M	3.3	100	11	12	13.2
CTIHLP104SF-4R7M	4.7	100	10	13	16



PHYSICAL DIMENSIONS

Size	A	B Max.	C Max.	D Typ.
mm	10.0 \pm 0.3	11.6	4.0	3.0
inches	0.39 \pm 0.01	0.46	0.15	0.118



CHARACTERISTICS

- Description:** SMD (shielded) power inductor
- Applications:** High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, servers, and desktop CPU's. 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**

PAD LAYOUT

