

# CTMMP104SF Series

From 2.2 $\mu$ H to 4.7 $\mu$ H

## SPECIFICATIONS

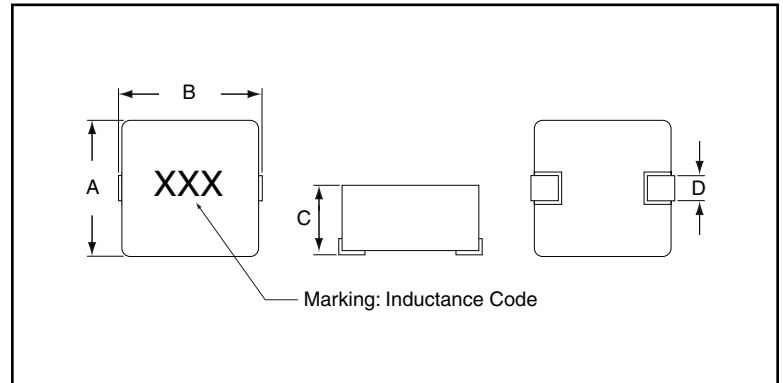
Parts are only available in  $\pm 20\%$  inductance tolerance only.  
 \*I<sub>rms</sub> DC current (A) will cause an approximately  $\Delta T$  of 40°C.  
 \*\*I<sub>sat</sub> DC current (A) will cause L<sub>0</sub> to drop approximately 30%

Part Number	Inductance ( $\mu$ H)	L Test Freq. (kHz)	*I <sub>rms</sub> Typ. (A)	**I <sub>sat</sub> Typ. (A)	DCR Max. (m $\Omega$ )
CTMMP104SF-2R2M	2.2	100	14	16	7.0
CTMMP104SF-3R3M	3.3	100	11	12	13.2
CTMMP104SF-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	0.16	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

