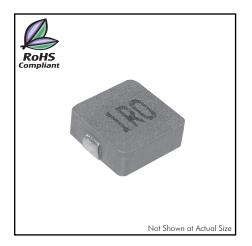
CTMMP125F Series From .36µH to 2.2µH



CHARACTERISTICS

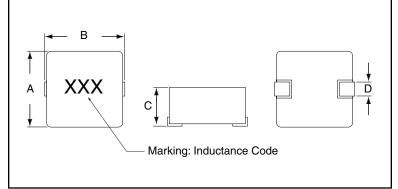
Description: SMD (shielded) power inductor Applications: High density DC/DC converters. POL converters. High current VRM/ VRD for notebooks, servers, and desktop CPU's. High speed chargers. Operating Temperature: -55°C to +125°C Inductance Tolerance: ±20% Testing: Inductance is tested on an HP4285A at 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. *Irms DC current (A) will cause an approximately ΔT of 40°C. **Isat DC current (A) will cause L0 to drop approximately 30%.

Part Number	Inductance (µH)	L Test Freq. (kHz)	*Irms Typ. (A)	**lsat Typ. (A)	DCR Max. (mΩ)
CTMMP125F-R36M CTMMP125F-B47M	0.36	100 100	43 37	50 46	0.90
CTMMP125F-R50M	0.50	100	37	40	1.20
CTMMP125F-1R0M CTMMP125F-2R2M	1.00 2.20	100 100	29 20	37 22	2.50 5.20

PHYSICAL DIMENSIONS						
Size	Α	В Мах.	C Max.	D Тур.		
mm	10.0±0.3	11.6	4.0	3.0		
inches	0.39±0.01	0.46	0.16	0.118		



PAD LAYOUT

