

CTMMP2205AF

Series

From 1.0 μ H to 3.3 μ H

SPECIFICATIONS

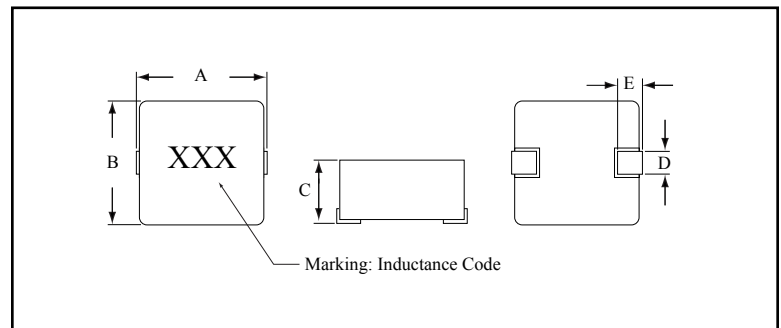
*I_{rms}: DC current (A) that will cause an approximate ΔT of 40°C.
 **I_{sat}: DC current (A) that will cause L₀ to drop approximately 20%.

Part Number	Inductance (μ H)	L Test Freq.	DCR Max. (Typ.) (m Ω)	*I _{rms} Typ. (A)	**I _{sat} Typ. (A)
CTMMP2205AF-1R0M	1.0	100kHz, 0.25V	46.5(44.3)	4.4	10.2
CTMMP2205AF-2R2M	2.2	100kHz, 0.25V	77.3(73.6)	3.4	6
CTMMP2205AF-3R3M	3.3	100kHz, 0.25V	103(98.4)	2.8	5



PHYSICAL DIMENSIONS

Size	A	B	C	D	E
			Max.		
mm	5.49 \pm 0.25	5.18 \pm 0.22	1.2	2.0 \pm 0.3	1.0 \pm 0.3
inches	0.22 \pm 0.009	0.20 \pm 0.008	0.05	0.08 \pm 0.012	0.04 \pm 0.012



CHARACTERISTICS

- Description:** SMD (shielded) power inductor.
- Applications:** PDA, Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).
- Operating Temperature:** -55°C to 125°C
- Inductance Tolerance:** \pm 20%
- Testing:** Inductance is tested on an HP4285A at 100KHz, 0.25V
- Packaging:** Tape & Reel.
- Marking:** Parts are marked with inductance code.
- Miscellaneous:** **RoHS Compliant.**
- Samples available. See website for ordering information.

PAD LAYOUT

