

CTMPH121010F

Series

From 1.0 μ H to 2.2 μ H

SPECIFICATIONS

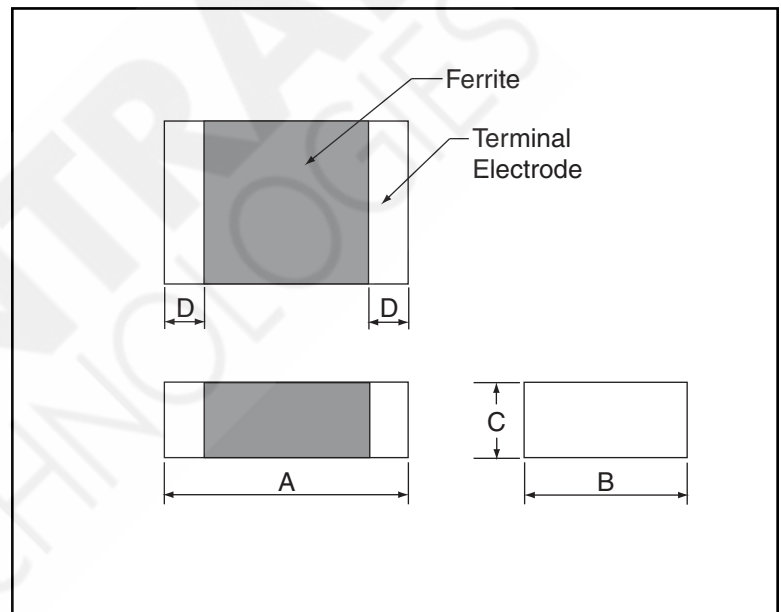
Isat: DC current (A) that will cause L to drop approximately 30%.
 Irms: DC current (A) that will cause an approximate ΔT of 40°C.

Part Number	Inductance (μ H)	L Test Freq. (MHz)	DCR Max.(Typ.) (m Ω)	Isat Max.(Typ.) (A)	Irms Max.(Typ.) (A)
CTMPH121010F-1R0M	1.0	2.0	34(28)	6.0(8.0)	3.5(4.3)
CTMPH121010F-1R5M	1.5	2.0	45(35)	5.5(7.5)	3.2(3.9)
CTMPH121010F-2R2M	2.2	2.0	60(49)	4.8(6.5)	3.0(3.3)



PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	3.2 \pm 0.3	2.5 \pm 0.3	2.5 \pm 0.3	0.5 \pm 0.3
inches	0.126 \pm 0.012	0.098 \pm 0.012	0.098 \pm 0.012	0.020 \pm 0.012



CHARACTERISTICS

Description: SMD Molded Magnetically Shielded Inductors

Applications: Smartphone, Tablet PC, Hard Disk for Ultrabook, DC/DC Converters, Portable Devices, etc.

Operating Temperature: -40°C to 125°C (including self-temperature rise)

Inductance Tolerance: \pm 20%

Testing: Inductance is tested on an E4991A/HP4287A+16197A, 2MHz, 0.2V.

Packaging: Tape and Reel.

Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

PAD LAYOUT

