

CTMPH080603F Series From 1.0 μH to 1.5 μH

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 (μH)	L Test Freq. (MHz)	DCR Max.(Typ.) (m Ω)	Isat Max.(Typ.) (A)	Irms Max.(Typ.) (A)
CTMPH080603F-1R0M	1.0	2.0	87(76)	2.5(2.8)	2.3(2.7)
CTMPH080603F-1R5M	1.5	2.0	115(102)	2.0(2.3)	2.1(2.4)



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.

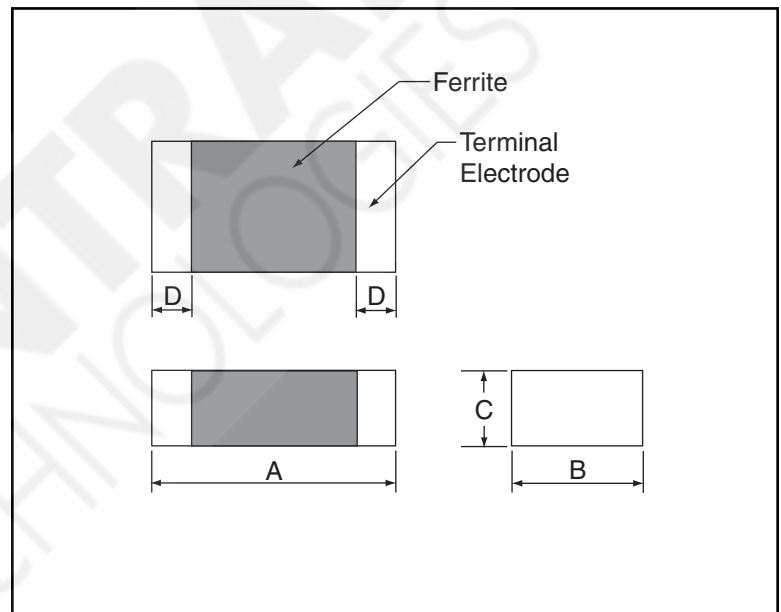
Miscellaneous: **RoHS Compliant.**

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

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.0 \pm 0.2	1.6 \pm 0.2	0.8	0.5 \pm 0.3
inches	0.079 \pm 0.008	0.063 \pm 0.008	0.031	0.020 \pm 0.012



PAD LAYOUT

