

## CTMPH060303F Series

From 0.24  $\mu$ H to 0.47  $\mu$ H

### SPECIFICATIONS

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

Part Number	Inductance ( $\mu$ H)	L Test Freq. (MHz)	DCR Max.(Typ.) (m $\Omega$ )	Isat Max.(Typ.) (A)	Irms Max.(Typ.) (A)
CTMPH060303F-R24M	0.24	2.0	54(47)	3.2(3.6)	2.6(3.0)
CTMPH060303F-R33M	0.33	2.0	75(62)	3.0(3.4)	2.2(2.6)
CTMPH060303F-R47M	0.47	2.0	100(87)	2.2(2.6)	1.6(2.0)

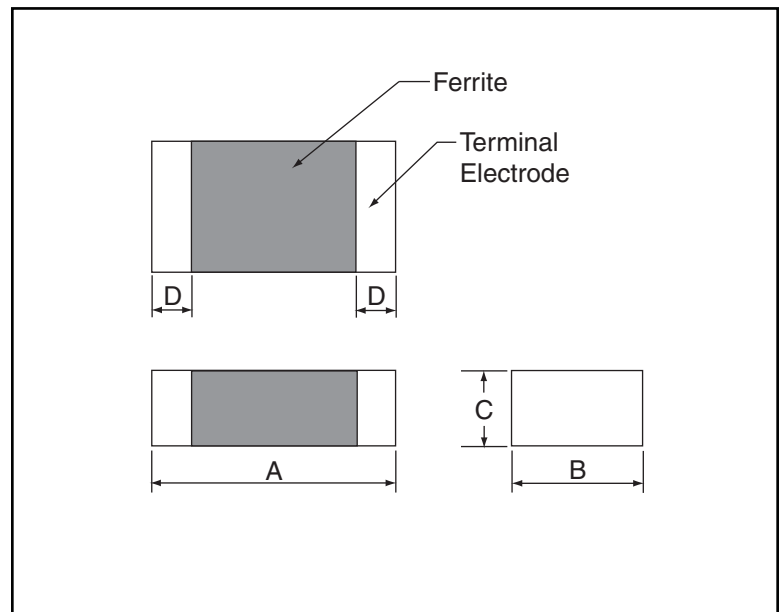


### CHARACTERISTICS

**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	1.6 $\pm$ 0.2	0.8 $\pm$ 0.2	0.8	0.3 $\pm$ 0.2
inches	0.063 $\pm$ 0.008	0.031 $\pm$ 0.008	0.031	0.012 $\pm$ 0.008



### PAD LAYOUT

