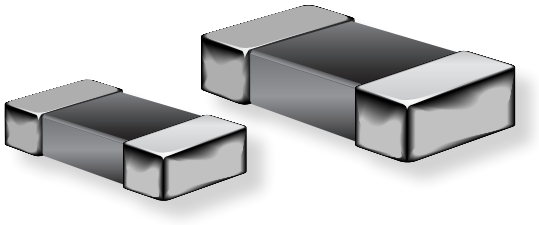
BOURNS®

NEW PRODUCT **RELEASE**

MAGNETICS



Bourns Releases New Compact Size High Current Ferrite Beads

Model MH1005 and MH1608-T Series

Riverside, California – July 11, 2022 – Bourns Magnetics Product Line is introducing the Model MH1005 and MH1608-T Series High Current Ferrite Beads that are compact size, low profile, and low DCR with rated current up to 5 A in the Model MH1608-T series and 3 A in the MH1005 series. These ferrite beads offer high impedance to suppress high frequency noise in high density printed circuit board (PCB) assembly at a low cost.

The Model MH1005 and MH1608-T Series are 0402 and 0603 inch size, respectively, and can operate in temperatures ranging from -55 to +125 °C. Due to their compact size and high current, these ferrite beads are well suited for EMI suppression in wearable devices, HDDs, SSDs, LCD displays, tablets, smartphones and other mobile devices.

Product Characteristics:

Model	Size (mm)	Impedance Range @ 100 MHz (Ohms)	Rated Current Range (A)
MH1005	1 x 0.5 x 0.5	30 – 600	1 – 3
MH1608-T	1.6 x 0.8 x 0.8	30 – 300	2.2 – 5

For additional details on Bourns® Chip Ferrite Beads, visit the Bourns website at www.bourns.com/products/magnetic-products/chip-beads.

If you have questions or need additional information, please feel free to contact Bourns Customer Service / Inside Sales.

Features

- Compact size
- High current
- Wide impedance range
- RoHS compliant* and halogen free**

Applications

- EMI suppression in power supply and RF lines

* *RoHS Directive 2015/863, Mar 31, 2015 and Annex.*

** *Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.*

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