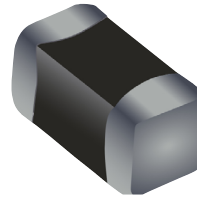




NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New AEC-Q200 Compliant, Automotive Grade High Current Ferrite Beads

MH1608A Series

Riverside, California - May 29, 2026 – Bourns Magnetics Product Line introduces the new [MH1608A Series](#) High Current Ferrite Beads.


The MH1608A Series features a compact size, low profile, and low DCR, with a rated current of up to 5,000 mA. It also provides high impedance to suppress high-frequency noise in high-density PCB assemblies, and the series is AEC-Q200 compliant and automotive grade.

With their small 1.6 x 0.8 mm footprint and a broad operating temperature range of -55°C to $+150^{\circ}\text{C}$, these ferrite beads are well-suited for EMI suppression in power supplies and RF lines.

Series	Size (mm)	Impedance (Ω) @100MHz	DC Resistance (Ω) max.	Rated Current (mA) max.	Operating Temperature ($^{\circ}\text{C}$)
MH1608A	1.6 x 0.8 x 0.8	30 - 1000	0.02 - 0.20	1,000 - 5,000	-55 to +150

For additional details on Bourns® magnetic products, visit the Bourns website at <https://www.bourns.com>. 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
- AEC-Q200 compliant
- RoHS compliant* and halogen free**
-  **AUTOMOTIVE GRADE**

Applications

- EMI suppression in power supplies and RF lines

Additional Information



DATA SHEET



PRODUCT SELECTOR



TECHNICAL LIBRARY



INVENTORY



SAMPLES



CONTACT

*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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