



## Bourns Releases New Compact Size High Current Ferrite Beads

### *Model MH2029-T Series*

Riverside, California – September 29, 2023 – Bourns Magnetics Product Line is introducing the [Model MH2029-T Series High Current Ferrite Beads](#). These new models offer a compact size, low profile, and low DCR with rated current up to 8 A. They also feature high impedance to suppress high frequency noise in high density printed circuit board (PCB) assemblies at a low cost.

The Model MH2029-T Series is available in an SMD 0805 size and can operate in temperatures ranging from -55 to +125 °C. Due to their compact size and high current capability, these ferrite beads are also well suited for EMI suppression in wearable devices, HDDs, SSDs, LCD displays, tablets, smartphones, and other mobile devices, in addition to their use in power line applications.

Bourns Part No.	Impedance (Ohms) @100M / 60 mV	DC Resistance (Ohms) Max.	Rated Current (mA) Max.
MH2029-300T	30 ± 25%	0.004	8500
MH2029-700T	70 ± 25%	0.009	6000
MH2029-111T	110 ± 25%	0.013	5000
MH2029-181T	180 ± 25%	0.02	4000
MH2029-331T	330 ± 25%	0.04	2800
MH2029-471T	470 ± 25%	0.05	2500
MH2029-601T	600 ± 25%	0.06	2300
MH2029-102T	1000 ± 25%	0.12	1600

For additional details on Bourns® Chip Ferrite Beads, visit the Bourns website at [www.bourns.com/products/magnetic-products/chip-beads](http://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](#).

IC23091

### Features

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

### Applications

- EMI suppression in power supplies and RF lines
- Consumer electronics

\* 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.