



NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New Shielded Power Inductor

Model SRP1024HMCT

Riverside, California - July 24, 2025 – Bourns Magnetics Product Line is introducing the New Model [SRP1024HMCT](#) Shielded Power Inductor.

This shielded power inductor is manufactured using a hot press molding process with carbonyl powder and offers high heating current, high saturation current, and low magnetic field radiation.

This new model features a low profile of 2.2 mm and supports an operating temperature range from -40 °C to +125 °C, making it ideal for point-of-load (PoL) converters and data center environments.

Characteristics:

Model	Size (mm)	Inductance (μH)	Heating Current I _{rms} (A)	Saturation Current I _{sat} (A)	Operating Temperature (°C)
SRP1024HMCT-75NM	10.6 x 4 x 2.2	0.075	50	65	-40 to +125

Please visit the Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

Features

- Shielded construction – low radiation
- Low buzz noise
- Hot press molding process
- Low profile 2.4 mm max.
- High current
- Low DCR
- RoHS compliant* and halogen free**

Applications

- PoL converter
- Data center

Additional Information

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* 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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