



NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New Shielded Power Inductors SRP4020T Series

Riverside, California - July 23, 2025 – Bourns Magnetics Product Line is introducing the new [SRP4020T Series](#) Shielded Power Inductors.

This new inductor series features an improved carbonyl iron powder core and shielded construction. Offering high saturation current, high heating current, and low magnetic field radiation, these inductors are ideal for minimizing EMI in compact designs.

With a maximum operating temperature of +150 °C, excellent current handling capability, and a low profile 4.4 x 4.0 x 1.8 mm footprint, this series is also well-suited for power supply applications and compact consumer electronics.

The SRP4020T Series delivers superior electrical performance and serves as a replacement for the obsolete SRP0420 Series.

Characteristics:

Series	Size (mm)	Inductance (μH)	Heating Current I _{rms} (A)	Saturation Current I _{sat} (A)	Operating Temperature (°C)
SRP4020T	4.45 x 4.06 x 1.8	0.47 - 10	2.6 - 11	3 - 16	-40 to +150

Please visit 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
- Carbonyl iron powder core
- High saturation current
- Low buzz noise
- Inductance range: 0.47 to 10 μH
- Rated current up to 11 A
- RoHS compliant* and halogen free**

Applications

- Power supplies
- Consumer electronics

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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