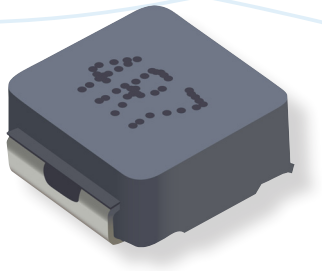
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New Shielded Power Inductors

SRP4021HMT Series

Riverside, California – April 14, 2025 – Bourns Magnetics Product Line is introducing the new SRP4021HMT Series Shielded Power Inductors. These shielded power inductors are manufactured using a hot press molding process with metal alloy or carbonyl powders. They feature high heating/saturation current and low magnetic field radiation. Additionally, this new series offers a compact footprint and low profile of 1.9 mm.

These new inductors are well-suited for DC-DC converters and power supplies in consumer, industrial and telecom applications.

Characteristics:

Series	Size (mm)	Inductance (µH)	Heating Current Irms (A)	Saturation Current Isat (A)	Operating Temperature (°C)
SRP4021HMT	4.1 x 4.2 x 1.9	0.1 – 100	2.8 – 24	2.7 – 26	-40 to +125

Please visit the Bourns website at 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
- High current
- Low DCR
- RoHS compliant* and halogen free**

Applications

- DC-DC converters
- Power supplies in consumer, industrial and telecom 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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Americas: Tel +1-951 781-5500 americus@bourns.com

EMEA: Tel +36 88 885 877 eurocus@bourns.com

Asia-Pacific: Tel +886-2 256 241 17 asiacus@bourns.com

Mexico: Tel +52 614 478 0400 mexicus@bourns.com