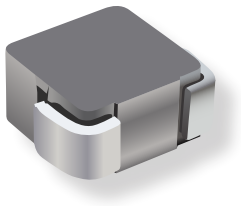
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New High Current Shielded Power Inductors

Model SRP1060VR Series

Riverside, California – May 3, 2024 – Bourns Magnetics Product Line is introducing the new Model SRP1060VR Series High Current Shielded Power Inductors. These inductors feature a metal alloy powder core, offering very high current capability and low buzz noise. Additionally, the vertical mounting design allows for efficient circuit layout and heat dissipation.

The Model SRP1060VR Series has an operating temperature range of -40 to +125 °C. This inductor is well suited for applications in servers, workstations, data centers, and computers (POL for CPU, GPU, TPU) where higher inductor reliability may be required.

Characteristics:

Series	Size (mm)	Inductance (nH)	Heating Current Irms (A)	Saturation Current Isat (A)	Operating Temperature (°C)
SRP1060VR	12.7 x 5.8 x 11.2	90 – 150	90	up to 135	-40 to +125 °C

Please visit the Bourns website at www.bourns.com for additional product details. For more information on Bourns® Magnetics, check out the additional available resources in the Bourns® Magnetics Technical Library. Feel free to contact Bourns Customer Service if you have any questions.

Features

- Shielded construction for low radiation
- Vertical-mount configuration
- Extremely high current
- Low buzz noise
- Inductance range: 90 to 150 nH
- RoHS compliant* and halogen free**

Applications

- Servers and workstations
- Data centers
- Data networking and storage systems
- Notebook and desktop computers
- Graphic cards and battery powered systems

* *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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