



Bourns Releases New Semi-shielded Power Inductor Series

Model SRN3015C Series

Riverside, California - June 22, 2022 - Effective immediately, Bourns Magnetics Product Line is introducing the new [Model SRN3015C Series Semi-shielded Power Inductor](#). Constructed with a magnetic-silica coating to the perimeter of the inductor winding to provide effective shielding, these inductors release lower magnetic field radiation compared to non-shielded inductors. These new semi-shielded inductors are lower priced than typical comparably-sized conventional ferrite shielded inductors.

The Model SRN3015C Series has an operating temperature range from -55 to +125 °C that is well suited for DC-DC converters and power supplies in consumer, industrial and telecom applications.

Model SRN3015C Series Characteristics:

Series	Size (mm)	Inductance (μH)	Heating Current I_{rms} (A)	Heating Current I_{sat} (A)
SRN3015C	3 x3 x 1.3 mm	0.24 – 100	0.4 – 5	0.33 – 6

The Model SRN3015C Series can be the alternate selection to the Model SRN3015 Semi-shielded Inductor Series. Note the form, fit and function of the alternate inductors are not identical to the Model SRN3015 inductors. However, the specifications of the Model SRN3015C are likely to be substitutable for typical applications of the Model SRN3015 Series. As with any alternative replacements, we highly recommend that customers test the possible alternative in their specific applications for verification of satisfactory performance.

Samples of the Model SRN3015C are available upon request.

Features

- Semi-shielded construction
- Miniature size
- RoHS compliant* and halogen free**

Applications

- DC-DC converters
- Power supplies in consumer, industrial, and telecom electronics

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).

* 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.