



## Bourns Releases New AEC-Q200 Compliant and High Temperature Semi-shielded Power Inductors

### *Model SRN3030HA, SRN4030HA and SRN5030HA Series*

Riverside, California – February 24, 2022 – Bourns Magnetics Product Line is introducing the new AEC-Q200 Compliant Model [SRN3030HA](#), [SRN4030HA](#) and [SRN5030HA](#) Series High Temperature Semi-shielded Power Inductors. 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 SRN3030HA, SRN4030HA and SRN5030HA Series feature high temperature and have been designed to meet a broad operating temperature range from -55 to +150 °C. These inductors are well suited for DC-DC converters and power supplies in consumer, industrial and telecom applications where enhanced inductor reliability may be required.

#### *Model SRN3030HA, SRN4030HA and SRN5030HA Series Characteristics:*

Series	Size (mm)	Inductance (μH)	Heating Current $I_{rms}$ (A)	Saturation Current $I_{sat}$ (A)
SRN3030HA Series	3 x 3 x 3 mm	1 - 100	0.25 – 2.6	0.5 – 5
SRN4030HA Series	4 x 4 x 3 mm	1 - 100	0.55 – 5.5	0.7 – 7.8
SRN5030HA Series	5 x 5 x 3 mm	0.47 - 100	0.45 – 7	0.65 – 10

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## Features

- Semi-shielded construction
- High operating temperature
- High saturation current
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*

## Applications

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

For additional details on Bourns® AEC-Q Compliant Products, visit the Bourns website at [www.bourns.com/products/aec-q-compliant-products](http://www.bourns.com/products/aec-q-compliant-products).

If you have questions or need additional information, please feel free to contact [Bourns 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.