



Bourns Releases AEC-Q200 Compliant Shielded Power Inductors

Model SRR1050HA Series

Riverside, California – October 31, 2022 – Bourns Magnetics Product Line is introducing the [Model SRR1050HA Series](#) Shielded Power Inductors. These power inductors, designed with a ferrite core / ferrite shield for low magnetic field radiation, are ideal for applications where low noise operating environments are essential. The inductor is further assembled with U-clip terminals for enhanced mechanical strength and mounting support of the component.

The Model SRR1050HA Series inductors are AEC-Q200 compliant and feature a broad operating temperature range of -55 °C to +150 °C. These shielded power inductors are suitable for DC-DC converters and power supplies in consumer, industrial and telecom applications where higher inductor reliability may be required.

Series	Size	Inductance Range	Heating Current I_{rms}	Saturation Current I_{sat}
SRR1050HA	10 x 10.2 x 4.8 mm	0.68 – 470 μ H	0.6 – 9.5 A	0.7 – 13.5 A

Please visit the Bourns website at www.bourns.com/products/aec-q-compliant-products for more information on Bourns® AEC-Q Compliant products. Should you have any questions or need additional information, please feel free to contact [Bourns Customer Service/Inside Sales](#).

Features

- Shielded construction for low radiation
- U-clip terminal for enhanced mounting strength
- Wide operating temperature range
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

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

* 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.