



Bourns Releases AEC-Q200 Compliant High Current Shielded Power Inductors

Model SRP6530A Series

Riverside, California – August 6, 2021 – Bourns Magnetics Product Line is introducing the new AEC-Q200 compliant [Model SRP6530A Series](#) High Current Shielded Power Inductors that have been designed to meet today’s high current density and high temperature requirements of various electronic applications. This inductor series is manufactured with a metal alloy powder core featuring low DC resistance, high heating / saturation current, low buzz noise, excellent temperature stability and shielded construction for low magnetic field radiation.

The Model SRP6530A Series has a high temperature rating with an operating temperature range of -55 to +155 °C and is well suited for DC/DC converters and power supplies in consumer, industrial, and telecom electronics applications in which higher inductor reliability may be required.

Model SRP6530A Series Characteristics:

Model	Size (mm)	Inductance	Heating Current I_{rms}	Saturation Current I_{sat}
SRP6530A Series	7.1 x 6.6 x 3	0.1 - 10 μ H	4 - 34 A	7 – 70 A

Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Low buzz noise
- 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.

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.