



Bourns Releases AEC-Q200 Compliant High Current and Shielded Power Inductors

Model SRP5050FA and SRP7030CA Series

Riverside, California – June 19, 2019 – Bourns Inductive Components Product Line is introducing the Model SRP5050FA and Model SRP7030CA High Current Shielded Power Inductor Series, designed to meet today’s high current density requirements in various electronics applications. These inductor series are manufactured with flat wire and 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 radiation.

The Model SRP5050FA and Model SRP7030CA series are AEC-Q200 compliant. These inductors are well suited for DC/DC converters and power supplies in consumer, industrial, medical* (low/medium risk) and telecom applications where higher inductor reliability may be required.

| Model | Size | Inductance | Heating Current Irms | Saturation Current Isat | Operating Temperature |
|----------------------------------|--------------------|--------------|----------------------|-------------------------|-----------------------|
| SRP5050FA Series | 5.5 x 5.3 x 4.8 mm | 5.6 – 8.2 µH | 6.1 – 7.2 A | 7.2 – 8.6 A | -55 to +155 °C |
| SRP7030CA Series | 7.8 x 7.6 x 2.9 mm | 1 – 8.2 µH | 5.9 – 21.8 A | 10.2 – 30 A | -55 to +155 °C |

For additional details on Bourns AEC-Q200 Compliant Power Inductors, visit the Bourns website at www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant. Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Flat wire
- AEC-Q200 compliant
- RoHS compliant** and halogen free***

Applications

- DC/DC converters
- Power supplies

* Bourns® products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns® product may result in personal injury or death. See Legal Disclaimer Notice <http://www.bourns.com/docs/legal/disclaimer.pdf>.

** 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.