



## Bourns Releases AEC-Q200 Compliant High Current, Shielded Power Inductor

### *Model SRP4018FA Series*

Riverside, California – March 16, 2020 – Bourns Inductive Components Product Line is introducing the Model [SRP4018FA](#) High Current Shielded Power Inductor Series designed to meet today's high current density requirements in various electronics applications. This inductor series is manufactured with flat wire, two self-lead terminals and a metal alloy powder core featuring exceedingly low DC resistance, high heating / saturation current, low buzz noise, excellent temperature stability and shielded construction for low magnetic radiation.

The Model SRP4018FA series is AEC-Q200 compliant. These inductors are well suited for DC/DC converters and power supply applications in consumer, industrial, low/medium risk medical\*\*\* and telecom applications where higher inductor reliability and efficiency may be required.

Model	Size	Inductance	Heating Current Irms	Saturation Current Isat	Operating Temperature
SRP4018FA Series	4.1 x 4.1 x 1.8 mm	0.33 – 1.2 µH	9.5 - 15 A	8.6 - 15 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](http://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
- Low buzz noise
- Flat wire
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*

#### Applications

- DC/DC converters
- Power supplies

\* 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.

\*\*\* 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>.