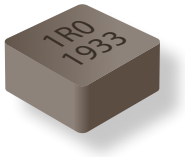
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS

ADVANCE NOTICE



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

Model SRP4018FA Series

Riverside, California – TO BE RELEASED 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. 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.*

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