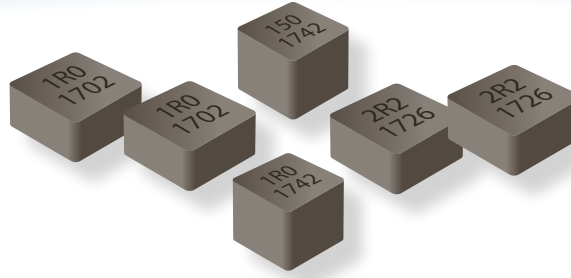


New Product Release

INDUCTIVE COMPONENTS



Bourns Releases Six Automotive Grade High Current, Shielded Power Inductor Series

Model SRP4020FA, SRP4030FA, SRP5030CA, SRP6030CA, SRP6050CA and SRP6060FA Series

Riverside, California - June 8, 2018 - Bourns Inductive Components Product Line is introducing six new series, [SRP4020FA](#), [SRP4030FA](#), [SRP5030CA](#), [SRP6030CA](#), [SRP6050CA](#) and [SRP6060FA](#) High Current Shielded Power Inductors, designed to meet select automotive electronics applications. These inductor series are manufactured with a flat wire and metal alloy powder core featuring low DC resistance, high heating current, wide operating temperature and shielded construction for low magnetic radiation.

The new inductors are automotive grade products authorized for use in automotive driver assistant devices, infotainment systems and lighting. These inductors are also well suited for DC/DC converters and power supplies in consumer, industrial, medical and telecom applications where higher inductor reliability may be required.

Model	Size	Inductance	Heating Current Irms	Saturation Current Isat	Operating Temperature
SRP4020FA Series	4.1 x 4.1 x 1.9 mm	0.47 – 4.7 μ H	5.1 – 13.2 A	4 – 14 A	-55 to +155 °C
SRP4030FA Series	4.1 x 4.1 x 2.8 mm	0.9 – 6.8 μ H	4 – 11.2 A	4.6 – 10 A	-55 to +155 °C
SRP5030CA Series	5.5 x 5.3 x 2.9 mm	0.15 – 4.7 μ H	5.9 – 22.2 A	8.2 – 36 A	-55 to +155 °C
SRP6030CA Series	6.6 x 6.4 x 2.9 mm	0.18 – 4.5 μ H	7 – 32 A	10 – 40 A	-55 to +155 °C
SRP6050CA Series	6.6 x 6.4 x 4.8 mm	1 – 4.7 μ H	8.5 – 20 A	10.5 – 23 A	-55 to +155 °C
SRP6060FA Series	6.6 x 6.4 x 5.8 mm	4.7 – 22 μ H	5 – 11 A	5.6 – 10.5 A	-55 to +155 °C

Please visit the Bourns website at www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant for information on Bourns® AEC-Q200 Compliant Power Inductors. Should you have any questions or need additional information, please feel free to contact [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

- Selected automotive applications:
 - Driver assistant
 - Infotainment
 - Lighting
- 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.