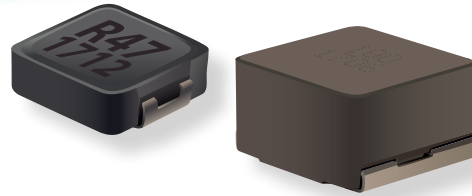


## New Product Release

### INDUCTIVE COMPONENTS



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

### Model SRP5020TA and SRP2313AA

Riverside, California - October 18, 2017 - Bourns Inductive Components Product Line is introducing the Model [SRP5020TA](#) and [SRP2313AA](#) High Current Shielded Power Inductor Series that are qualified for automotive electronics applications. These inductor series are manufactured with a metal alloy powder core featuring high saturation current, low DC resistance, wide operating temperature and shielded construction for low magnetic radiation.

The Model SRP5020TA and SRP2313AA Series are [AEC-Q200 qualified](#). These inductors are typically used for automotive applications in the areas of driver assistant devices, infotainment systems and lighting. They are also suitable for DC/DC converters and power supplies in consumer, industrial, medical, telecom and other electronic applications where higher reliability is required.

Model	Component Size	Inductance	Heating Current I <sub>rms</sub>	Saturation Current I <sub>sat</sub>	Operating Temperature
SRP5020TA	5.7 x 5.2 x 1.8 mm	0.33 - 10 µH	2.3 - 12 A	3.4 - 21.3 A	-40 to +150 °C
SRP2313AA	23.5 x 22 x 12.6 mm	1.5 - 68 µH	12 - 57 A	9 - 48 A	-55 to +155 °C

Please visit the Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details. 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
- AEC-Q200 qualified
- RoHS compliant\* and halogen free\*\*

#### Applications

- Automotive systems: Driver assistant, infotainment, lighting
- DC/DC converters
- Power supplies

\* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

\*\*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.