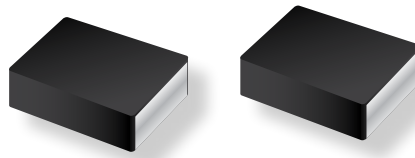


## New Product Release

### INDUCTIVE COMPONENTS



## Bourns Releases SMD High Current Shielded Power Inductor Series *Model SRP2510A and SRP2512A*

Riverside, California - June 23, 2017 - Bourns Inductive Components Product Line is introducing two small footprint and low profile inductor series, [Model SRP2510A](#) and [SRP2512A](#). These series are designed with a metal alloy powder core that features high saturation current and shielded construction for low magnetic radiation. The Model SRP2510A and SRP2512A are only 1.0 mm and 1.2 mm in height, respectively. The operating temperature range is from -40 °C to +125 °C.

The Model SRP2510A and SRP2512A inductors are AEC-Q200 qualified making them ideal for automotive electronics applications. They are also well-suited for DC/DC converters, power supplies, and filtering applications in consumer, industrial, medical and communication electronics. The low profile feature of these inductors makes them especially attractive for ultra-thin electronic device applications.

Please visit 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](#).

Model	Component Size	Inductance	Heating Current	Saturation Current
SRP2510A	2.5 x 2 x 1.0 mm	0.22 – 4.7 µH	1.36 – 5.9 A	1.8 – 7.9 A
SRP2512A	2.5 x 2 x 1.2 mm	0.47 – 4.7 µH	1.55 – 4.6 A	1.9 – 5.3 A

#### Features

- Wirewound
- Shielded construction
- Metal alloy powder core
- High saturation current
- Low profile
- AEC-Q200 qualified
- RoHS compliant\* and halogen free\*\*

#### Applications

- Automotive systems:
  - Driver assistant
  - Infotainment
  - Lighting
- DC/DC converters
- Power supplies
- Smartphones
- HDD/SSD
- Miniature mobile electronic devices

\* 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.