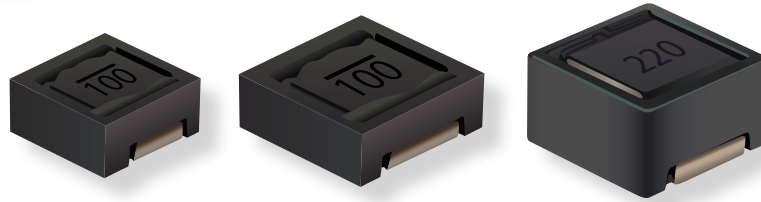


## New Product Release

### INDUCTIVE COMPONENTS



## Bourns Releases Automotive Grade Shielded Power Inductor Series *Model SRR3818A, SRR4818A and SRR4828A*

Riverside, California - August 8, 2017 - Bourns Inductive Components Product Line is introducing three additional Shielded Power Inductor Series - [SRR3818A](#), [SRR4818A](#) and [SRR4828A](#). These series are qualified to AEC-Q200 with an operating temperature up to +150 °C.

The new inductor series are designed with a ferrite core and shield that feature low core loss and shielded construction for low magnetic radiation making them attractive for applications where low noise operating environments are essential. The operating temperature ranges from -40 to +150 °C.

Model	Component Size	Inductance	Heating Current	Saturation Current
SRR3818A	3.8 x 3.8 x 1.8 mm	1 - 100 $\mu$ H	0.34 - 3.6 A	0.20 - 2.1 A
SRR4818A	4.8 x 4.8 x 1.8 mm	1 - 47 $\mu$ H	0.75 - 5.1 A	0.47 - 3.6 A
SRR4828A	4.8 x 4.8 x 2.8 mm	1.2 - 220 $\mu$ H	0.50 - 5.0 A	0.24 - 3.0 A

The Model SRR3818A, SRR4818A and SRR4828A Series are well suited for automotive applications that are typically located in driver assistant devices, infotainment systems, lighting, DC/DC converters and power supplies.

These shielded power inductors are also ideal for consumer, industrial, medical, telecom and other applications where higher inductor reliability is required.

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
- AEC-Q200 qualified
- RoHS compliant\*
- Halogen free\*\*

### Applications

- Automotive systems:
  - 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.