

New Product Release

INDUCTIVE COMPONENTS



Bourns Releases Automotive Grade Shielded Power Inductor Series

Riverside, California - August 3, 2016 - Bourns Inductive Components Product Line is introducing three series of Shielded Power Inductors that are primarily designed for automotive electronics applications. They include the [SRR1050A](#), [SRU1063A](#) and [SRU8045A](#) Series. These inductors provide low magnetic radiation making them ideal for applications where low noise operating environments are essential. Operating temperature ranges from -40 to +125 °C.

These series are AEC-Q200 qualified. Typical automotive application areas for these inductors are driver assistant devices, information / entertainment systems, lighting and other applications including DC/DC converters and power supplies.

Although these inductor series are primarily designed for automotive electronics applications, they are also well-suited for consumer, industrial, medical, telecom and other applications where higher inductor reliability is required.

Product Features:

New Model	Product Size	Inductance Range	Heating Current Range	Saturation Current Range
SRR1050A	10.2 x 10 x 4.8 mm	0.68 - 330 μ H	0.73 - 9.5 A	0.75 - 13.5 A
SRU1063A	10 x 10 x 6.5 mm	4.7 - 100 μ H	1.1 - 5.5 A	1.2 - 5.7 A
SRU8045A	8 x 8 x 4.5 mm	3.5 - 100 μ H	1 - 5 A	0.92 - 5 A

The following AEC-Q200 qualified device is comparable to the existing standard series.

Automotive Grade AEC-Q200 Qualified Series	Existing Standard Series
SRU1063A	SRU1063

Please visit the Bourns website at www.bourns.com for additional product details. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).