

New Product Release

INDUCTIVE COMPONENTS

ADVANCE NOTICE



Bourns Releases Automotive Grade Shielded Power Inductor Series

Riverside, California - TO BE RELEASED AUGUST 3, 2016 - Bourns Inductive Components Product Line is introducing three series of Shielded Power Inductors that are primary 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 primary 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.