

Featured Products Bulletin

INDUCTIVE COMPONENTS



Bourns Releases SMD Power Inductor Series for Automotive Applications

Riverside, California - August 23, 2013 - Bourns Inductive Components Product Line is pleased to announce the introduction of thirteen SMD Power Inductor Series designed for the purpose of automotive applications. The models include the SDE1006A, SDR1307A, SRF1260A, SRR0735A, SRR1260A, SRR1280A, SRU1028A, SRU1038A, SRU1048A, SRU3028A, SRU5028A, SRU6025A, and SRU8028A. These series consist of non-shielded and shielded construction that are AEC-Q200 qualified. Typical automotive application areas of these inductors are located in the driver assistant devices, information/entertainment systems, and lighting.

Electrical characteristics and dimensions of these AEC-Q200 qualified series are developed either identically or comparably to the existing standard series. Many of these series are the drop-in components of the standard series.

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

New Automotive Application AEC-Q200 Qualified Series	Identical/Comparable to Existing Standard Series	Existing Standard Series
SDE1006A Series	Comparable	SDR1006 Series
SDR1307A Series	Identical, Drop-in	SDR1307 Series
SRF1260A Series	Identical, Drop-in	SRF1260 Series
SRR0735A Series	Comparable	SRR7032 Series
SRR1260A Series	Identical, Drop-in	SRR1260 Series
SRR1280A Series	Identical, Drop-in	SRR1280 Series
SRU1028A Series	Identical, Drop-in	SRU1028 Series
SRU1038A Series	Identical, Drop-in	SRU1038 Series
SRU1048A Series	Identical, Drop-in	SRU1048 Series
SRU3028A Series	Identical, Drop-in	SRU3028 Series
SRU5028A Series	Identical, Drop-in	SRU5028 Series
SRU6025A Series	Identical, Drop-in	SRU6025 Series
SRU8028A Series	Identical, Drop-in	SRU8028 Series

Features

- High saturation current
- AEC-Q200 qualified
- Shielded construction (SRF, SRR, SRU Series)
- RoHS compliant* and halogen free**

Applications

- Automotive systems:
 - Driver assistant
 - Information
 - Entertainment
 - 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 follows the prevailing definition of "halogen free" in the industry. 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.