

## Featured Products Bulletin

### INDUCTIVE COMPONENTS



## Bourns Releases SMD Power Inductor Series for Automotive Applications

Riverside, California - November 6, 2014 - Bourns Inductive Components Product Line is pleased to announce the introduction of nine SMD Power Inductor Series designed for automotive applications. They include Models [SDE0403A](#), [SDE0604A](#), [SDE0805A](#), [SRF0703A](#), [SRF0905A](#), [SRF1280A](#), [SRR0745A](#), [SRR1210A](#) and [SRR6040A](#). These series consist of non-shielded and shielded construction that are AEC-Q200 qualified. Typical automotive applications for these inductors include driver assistant devices, information/entertainment systems and lighting.

### Product Features:

New Model	Construction	Product Size	Inductance Range	Heating Current Range	Saturation Current Range
SDE0403A Series	Non-shielded	4.5 x 4 x 3.2 mm	1 - 68 $\mu$ H	0.4 - 2.7 A	0.55 - 4.8 A
SDE0604A Series	Non-shielded	5.8 x 5.2 x 4.5 mm	1.2 - 150 $\mu$ H	0.52 - 5.3 A	0.52 - 6 A
SDE0805A Series	Non-shielded	7.8 x 7 x 5 mm	1.5 - 470 $\mu$ H	0.55 - 5.8 A	0.4 - 6.5 A
SRF0703A Series	Shielded	7.6 x 7.6 x 3.4 mm	8.2 - 600 $\mu$ H	0.289 - 2.19 A	0.32 - 2.66 A
SRF0905A Series	Shielded	9.2 x 6 x 5 mm	10 - 6500 $\mu$ H	0.3 - 1.6 A	N/A
SRF1280A Series	Shielded	12.5 x 12.5 x 8 mm	0.47 - 4000 $\mu$ H	0.307 - 17.9 A	0.571 - 56 A
SRR0745A Series	Shielded	7.3 x 7.3 x 4.5 mm	10 - 1000 $\mu$ H	0.2 - 2.1 A	0.24 - 2.5 A
SRR1210A Series	Shielded	12 x 12 x 10 mm	1 - 1000 $\mu$ H	0.75 - 11 A	0.7 - 16.5 A
SRR6040A Series	Shielded	6.7 x 6.7 x 4 mm	1 - 100 $\mu$ H	0.65 - 5 A	0.57 - 5.55 A

The devices' electrical characteristics and dimensions are either functionally identical or comparable to the existing standard series.

New Automotive Application AEC-Q200 Qualified Series	Identical/Comparable to Existing Standard Series	Existing Standard Series
SDE0403A Series	Comparable	SDR0403 Series
SDE0604A Series	Comparable	SDR0604 Series
SDE0805A Series	Comparable	SDR0805 Series
SRF0703A Series	Identical, Drop-in	SRF0703 Series
SRF0905A Series	Identical, Drop-in	SRF0905 Series
SRF1280A Series	Identical, Drop-in	SRF1280 Series
SRR0745A Series	Comparable	SRR0745 Series
SRR1210A Series	Identical, Drop-in	SRR1210 Series
SRR6040A Series	Comparable	SRR0604 Series

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