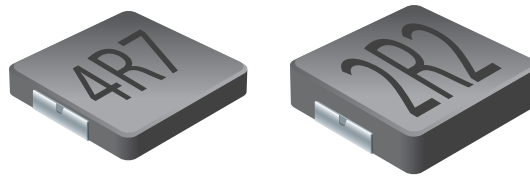


# Featured Products Bulletin

## INDUCTIVE COMPONENTS



### ADVANCE NOTICE

## Bourns Releases SMD High Current Shielded Power Inductor Series for Automotive Applications

### Model SRP4012TA and SRP4020TA

Riverside, California - *TO BE RELEASED JULY 10, 2014* - Bourns is pleased to announce the introduction of two SMD Power Inductor Series designed for automotive applications - Model SRP4012TA and SRP4020TA. These series are manufactured with a carbonyl powder core featuring high saturation current and shielded construction for low magnetic radiation. Available inductances are 0.1 – 15  $\mu$ H. The inductor footprint for both models is 4.45 x 4.0 mm with profiles of 1.0 mm (SRP4012TA) and 1.8 mm (SRP4020TA); Irms up to 12 A and Isat up to 35 A.

Typical automotive applications for these inductors include driver assistant devices, information/entertainment systems and lighting. These devices are AEC-Q200 qualified and the electrical characteristics and dimensions are functionally equivalent to the existing standard series.

New Automotive Application AEC-Q200 Qualified Series	Existing Standard Series
SRP4012TA	SRP4012
SRP4020TA	SRP4020

Please visit Bourns' website at [www.bourns.com](http://www.bourns.com) for additional product details. Samples are available upon request. Should you have any questions, please contact Customer Service/Inside Sales.

### Features

- Shielded construction
- Carbonyl powder core
- High saturation current
- AEC-Q200 qualified
- 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.