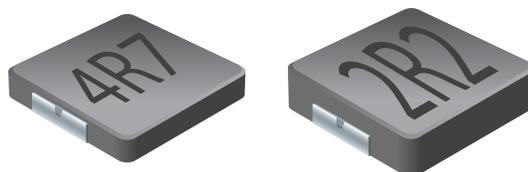


Featured Products Bulletin

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 μ 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 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.