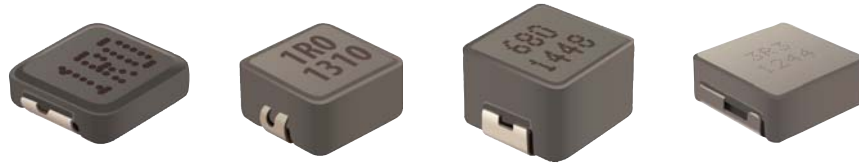


New Product Release

INDUCTIVE COMPONENTS



Bourns Releases Automotive Grade SMD High Current, Shielded Power Inductor Series

Riverside, California - August 20, 2015 - Bourns Inductive Components Product Line is introducing four additional SMD Power Inductor Series designed to meet the high quality standard for automotive applications. They include Models SRP5015TA, SRP5030TA, SRP7050TA and SRP1770TA Series. These inductor series are manufactured with a metal powder core featuring high saturation current and a shielded construction for low magnetic radiation. The available inductance range is from 0.15 to 100 μ H with heating current I_{rms} up to 52 A and saturation current I_{sat} up to 70 A. Operating temperature ranges from -40 °C to +150 °C.

Typical automotive applications for these inductors include driver assistant devices, information/entertainment systems, lighting and other applications including DC/DC converters and power supplies.

Series	Product Size	Inductance Range	Heating Current Range I_{rms}	Saturation Current Range I_{sat}
SRP5015TA Series	5.7 x 5.2 x 1.3 mm	0.15 - 22 μ H	1.2 - 16 A	1.7 - 25 A
SRP5030TA Series	5.7 x 5.2 x 2.8 mm	0.33 - 10 μ H	2.75 - 14 A	3.5 - 18 A
SRP7050TA Series	7.3 x 6.6 x 4.8 mm	0.33 - 68 μ H	1.2 - 25 A	2 - 32 A
SRP1770TA Series	17.3 x 16.9 x 6.7 mm	1 - 100 μ H	5.3 - 52 A	12 - 70 A

Samples are available upon request.

Please visit the Bourns website at www.bourns.com for additional product details. Should you have any questions, please feel free to contact [Bourns 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
 - Telecom devices
- 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 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.