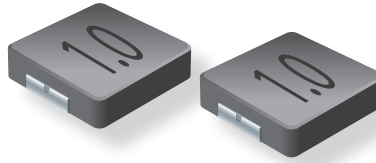


New Product Release

INDUCTIVE COMPONENTS



Bourns Releases Automotive Grade High Current, Shielded Power Inductor Series

Model SRP3012TA & SRP3020TA Series

Riverside, California - June 8, 2018 - Bourns Inductive Components Product Line is introducing the compact size [Model SRP3012TA](#) and [Model SRP3020TA](#) High Current Shielded Power Inductor Series, designed to meet select automotive electronics applications. These inductor series are manufactured with a metal alloy powder core featuring high saturation current, low DC resistance, wide operating temperature and shielded construction for low magnetic radiation.

The Model SRP3012TA and Model SRP3020TA series are automotive grade products authorized for use in automotive driver assistant devices, infotainment systems and lighting. These inductors are also well suited for DC/DC converters and power supplies in consumer, industrial, medical and telecom applications where higher inductor reliability may be required.

| Model | Size | Inductance | Heating Current I _{rms} | Saturation Current I _{sat} | Operating Temperature |
|------------------|--------------------|--------------|----------------------------------|-------------------------------------|-----------------------|
| SRP3012TA Series | 3.5 x 3.2 x 1 mm | 0.15 - 10 µH | 1 - 10 A | 1.4 - 14 A | -40 to +150 °C |
| SRP3020TA Series | 3.5 x 3.2 x 1.8 mm | 0.1 - 10 µH | 1.4 - 10.5 A | 1.6 - 14 A | -40 to +150 °C |

Please visit the Bourns website at www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant for information on Bourns® AEC-Q200 Compliant Power Inductors. Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Low DC resistance
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

- Selected automotive applications:
 - Driver assistant
 - Infotainment
 - Lighting
- DC/DC converters
- Power supplies

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** 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.