



## Bourns Releases Consumer Grade High Current and Shielded Power Inductors

### *Model SRP7028C, SRP1038C and SRP1770C Series*

Riverside, California – June 19, 2019 – Bourns Inductive Components Product Line is introducing the Model SRP7028C, SRP1038C and SRP1770C High Current Shielded Power Inductor Series that are designed to meet today’s high current density requirements in various types of consumer electronics applications. These inductor series are manufactured with a metal alloy powder core featuring low DC resistance, high heating/saturation current, low buzz noise, excellent temperature stability and shielded construction for low magnetic radiation.

The Model SRP7028C, SRP1038C and SRP1770C Series are lower cost alternatives to AEC-Q200 compliant series. They are well suited for DC/DC converters and power supplies in consumer, industrial, and telecom electronics applications.

Model	Size	Inductance	Heating Current I <sub>rms</sub>	Saturation Current I <sub>sat</sub>	Operating Temperature
<a href="#">SRP7028C Series</a>	7.1 x 6.6 x 2.8 mm	0.1 – 22 µH	2.2 – 37.5 A	3.6 – 60 A	-40 to +125 °C
<a href="#">SRP1038C Series</a>	11 x 10 x 3.8 mm	0.1 – 47 µH	3.2 – 53 A	5.0 – 85 A	-40 to +125 °C
<a href="#">SRP1770C Series</a>	17.8 x 16.9 x 6.7 mm	0.47 – 47 µH	8.7 – 60 A	13 – 115 A	-40 to +125 °C

For additional details on Bourns Consumer Grade High Current and Shielded Power Inductors, visit the Bourns website at [www.bourns.com/products/magnetic-products/power-inductors-smd-high-current-shielded](http://www.bourns.com/products/magnetic-products/power-inductors-smd-high-current-shielded). Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

#### Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Low buzz noise
- RoHS compliant\* and halogen free\*\*

#### Applications

- 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.