

## Bourns Releases New Automotive Grade High Current Shielded Power Inductors

### *Model SRP1038WA and SRP1265WA Series*

Riverside, California – February 21, 2022 – Bourns Magnetics Product Line is introducing the new Automotive Grade Model [SRP1038WA](#) and [SRP1265WA](#) Series High Current Shielded Power Inductors that are designed to meet today's high current density, high temperature requirements and harsh vibration operating environments of various electronic applications. These two inductor series are constructed with a wider side terminal frame to withstand 15 G typical and 30 G peak vibration. They are also manufactured with a metal alloy powder core featuring low DC resistance, high saturation current, low buzz noise, excellent temperature stability and shielded construction for low magnetic field radiation.


The Model SRP1038WA and SRP1265WA series are AEC-Q200 compliant with an operating temperature range of -55 to +165 °C and are well suited for DC-DC converters and power supplies in consumer, industrial, and telecom electronics applications in which higher inductor reliability may be required.

#### *Model SRP1038WA and SRP1265WA Series Characteristics:*

Series	Size (mm)	Inductance (μH)	Heating Current $I_{rms}$ (A)	Saturation Current $I_{sat}$ (A)
SRP1038WA	11 x 10 x 3.8	0.47 – 47	3.6 – 34	4 – 31 A
SRP1265WA	13.6 x 12.6 x 6.2	0.68 – 47	5.2 – 36.5	6 – 36.5 A

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## Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Wide side terminal to enhance mechanical strength
- High vibration resistance (15 G typical, 30 G peak)
- High operating temperature
- Low buzz noise
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*
-  **AUTOMOTIVE**  
GRADE

## Applications

- DC-DC converters and power supplies in consumer, industrial, and telecom electronics

For additional details on Bourns® AEC-Q Compliant Products, visit the Bourns website at [www.bourns.com/products/aec-q-compliant-products](http://www.bourns.com/products/aec-q-compliant-products).

If you have questions or need additional information, please feel free to contact [Bourns Customer Service / Inside Sales](#).

\* 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.