



## Bourns Releases AEC-Q200 Compliant High Current Shielded Power Inductors

### *Model SRP1580CA, SRP1510CA and SRP1513CA Series*

Riverside, California – March 9, 2021 – Bourns Magnetics Product Line is introducing the new Model [SRP1580CA](#), [SRP1510CA](#) and [SRP1513CA](#) AEC-Q200 Compliant High Current Shielded Power Inductors Series that are designed to meet today’s high current density and high temperature requirements of various electronic applications. These inductor series are manufactured with a flat wire and 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 field radiation.

The Model SRP1580CA, SRP1510CA and SRP1513CA series have an operating temperature range of -55 to +155 °C and are well suited for use in DC/DC converters and power supplies in consumer, industrial, and telecom electronics applications where higher inductor reliability may be required.

#### Inductor Series Characteristics:

Model	Size (mm)	Inductance	Heating Current $I_{rms}$	Saturation Current $I_{sat}$
SRP1580CA Series	16.5 x 15.5 x 7.7	1 – 5.3 $\mu$ H	26 - 58 A	35 – 80 A
SRP1510CA Series	16.5 x 15.5 x 9.7	4.7 - 33 $\mu$ H	13 - 30 A	18.7 – 43 A
SRP1513CA Series	16.5 x 15.5 x 12.7	4.7 - 33 $\mu$ H	14 - 31 A	19 – 44 A

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).

### Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Low buzz noise
- Flat wire
- AEC-Q200 compliant
- RoHS compliant\* and Halogen free\*\*

### Applications

- DC/DC converters
- Power supplies

If you have any questions or need additional information, please feel free to contact [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.