



NEW PRODUCT RELEASE

MAGNETICS



Bourns Expands Automotive Grade, AEC-Q200 Compliant Shielded Power Inductor Portfolio with Three SRP-PA Series

Riverside, California - July 15, 2026 – Bourns, Inc. introduces three new AEC-Q200 compliant shielded power inductor series for automotive DC-DC converter applications. The [SRP2010PA](#), [SRP2510PA](#), and [SRP2512PA](#) Series feature metal alloy powder cores and shielded construction that minimize magnetic field radiation, supporting tight component placement on densely packed automotive PCBs. All three series deliver saturation currents up to 9 A in low profile packages and operate across a -40 to +145 °C temperature range.

Characteristics:

Series	Size (mm)	Inductance (μH)	Heating Current Irms (A)	Saturation Current Isat (A)	Operating Temperature (°C)
SRP2010PA	2 x 1.6 x 1	0.1 - 2.2	2.2 - 6.6	2.4 - 9.0	-40 to +145
SRP2510PA	2.5 x 2 x 1	0.22 - 3.3	1.9 - 6.3	2.5 - 9.0	
SRP2512PA	2.5 x 2 x 1.2	0.22 - 3.3	2.1 - 8.5	2.8 - 9.0	

Please visit the Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

Features

- Shielded construction for low radiation
- Metal alloy powder core
- High saturation current
- Low profile
- AEC-Q200 compliant
- RoHS compliant* and halogen free**
-  **AUTOMOTIVE GRADE**

Applications

- Automotive systems
- DC-DC converters
- Miniature electronic devices

Additional Information

[DATA SHEET](#)[DATA SHEET](#)[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

* 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.

IC26088