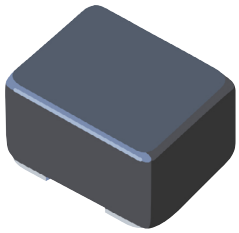
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New AEC-Q200 Compliant, Automotive Grade Shielded Power Inductors

SRP3220A Series

Riverside, California - August 19, 2025 – Bourns Magnetics Product Line is introducing the new SRP3220A Series Shielded Power Inductors in a compact size and low profile of 3.2 x 2.5 x 1.8 mm.

These inductors are manufactured by a newly developed molding process with metal alloy powder cores featuring high saturation currents, high heating currents and shielded construction for low magnetic field radiation. The flat wire construction helps to reduce the DCR significantly compared to other similar sized devices, and makes these new series highly efficient.

This new series is AEC-Q200 compliant and offers a wide operating temperature range of -55 °C to +150 °C. The compact footprint and low-profile form factor make these inductors ideal for applications in automotive systems, power supplies, and consumer electronics.

Characteristics:

Series	Size (mm)	Inductance (µH)	Heating Current Irms (A)	Saturation Current Isat (A)	Operating Temperature (°C)
SRP3220A	3.2 x 2.5 x 1.8	0.33 - 6.8	2.3 - 8.5	2.3 - 11	-55 to +150

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 – low radiation
- Low buzz noise
- High current
- Low DCR
- Wide operating temperature range
- AEC-Q200 compliant
- RoHS compliant* and halogen free**
- AUTOMOTIVE GRADE

Applications

- Automotive systems
- Power supplies
- Consumer electronics

Additional Information

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.*

IC25122

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