BOURNS®

# NEW PRODUCT RELEASE

MAGNETICS




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

## *Model SRR0735HA and SRR0745HA Series*

*Riverside, California – January 11, 2024* – Bourns Magnetics Product Line is introducing the new Automotive Grade Model SRR0735HA and SRR0745HA Series High Temperature Shielded Power Inductors. These power inductors are designed with a ferrite core and ferrite shield for low magnetic field radiation, making them ideal for applications where low noise operating environments are essential.

The Model SRR0735HA and SRR0745HA Series are AEC-Q200 compliant and automotive grade, featuring a broad operating temperature range of -55 °C to +150 °C. These inductors are well suited for automotive systems, DC/DC converters, and power supplies in automotive, consumer, industrial, and telecom applications in which higher inductor reliability may be required.

**Characteristics:**

| Series | Size (mm) | Inductance (µH) | Heating Current $I_{rms}$ (A) | Saturation Current $I_{sat}$ (A) | Operating Temperature (°C) |
|---|---|---|---|---|---|
| SRR0735HA | 7.3 x 7.3 x 3.5 | 10 - 1000 | 0.17 - 2.1 | 0.18 – 1.85 | -55 to +150 |
| SRR0745HA | 7.3 x 7.3 x 4.5 | 10 - 1000 | 0.2 - 2.1 | 0.24 – 2.5 | -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
- Wide operating temperature range
- RoHS compliant* and halogen free**
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

### Applications

- Automotive systems
- DC-DC converters
- Power supplies in consumer, industrial, and telecom electronics

* *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.*

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