



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

### Model SRF0703HA Series

Riverside, California – January 9, 2024 – Bourns Magnetics Product Line is introducing the new Automotive Grade [Model SRF0703HA Series](#) Dual-Winding Shielded Power Inductors.

These power inductors can be used in parallel, series, dual-inductor, or transformer configurations. A single package of dual-winding inductors occupies less space and is more cost-effective than two individual inductors. These features make this power inductor series well-suited for use in SEPIC (Single-Ended Primary Inductance Converter) topology, automotive systems, and power supplies.

The Model SRF0703HA is AEC-Q200 compliant and offers a broad operating temperature range of -55 °C to +150 °C.

#### Characteristics:

Series	Size (mm)	Inductance (µH)	Heating Current I <sub>rms</sub> (A)	Saturation Current I <sub>sat</sub> (A)	Operating Temperature (°C)
SRF0703HA	7.6 x 7.6 x 3.4	4.7 - 4120	0.128 – 2.7	0.13 – 3.78	-55 to +150

Please visit Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details. Check out the [Bourns® Magnetics Technical Library](#) for many useful documents and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

#### Features

- Multiple configurations: parallel, series, dual-inductor, and transformer
- Magnetically shielded, low radiation
- High operating temperature up to +150 °C
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*
- **AUTOMOTIVE GRADE**

#### Applications

- Battery Management Systems
- Energy Storage Systems

\* 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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