

## Bourns Releases New AEC-Q200 Compliant, Automotive Grade Common Mode Chip Inductors

### *Model SRF4532TA and SRF3225TABG Series*

Riverside, California – May 2, 2024 – Bourns Magnetics Product Line is introducing the new Automotive Grade [Model SRF4532TA](#) and [SRF3225TABG](#) Series Common Mode Chip Inductors. These common mode chip inductors are designed with a ferrite core, providing a compact size and high impedance across a broad frequency range to suppress unwanted EMI signals regardless of whether they are incoming or outgoing. Additionally, the inductor core features 0.3/0.4 mm high sidewall terminals at each end, enhancing the component’s mechanical strength after it is assembled on the board.

The Model SRF4532TA and SRF3225TABG Series are AEC-Q200 compliant, with an operating temperature range of -55 to +125 °C and -40 to +125 °C, respectively. These common mode chip inductors are ideal for noise suppression in consumer and industrial electronics. In addition, the Model SRF3225TABG, compliant with the Open Alliance IEEE 1000Base-T1 requirements, is well-suited for noise suppression in 1000 Base-T1 Ethernet applications.

#### **Characteristics:**

Series	Size (mm)	Impedance (Ohms)	Current (A)	DCR (Ohms)	Operating Temperature (°C)
<b>SRF4532TA</b>	4.5 x 3.2 x 2.8	90 - 2800	0.9 - 4	0.05 - 0.35	-55 to +125
<b>SRF3225TABG</b>	3.3 x 2.5 x 2.5	3000	0.1	3	-40 to +125


For additional product details, visit the Bourns website at [www.bourns.com/products/magnetic-products/common-mode-chip-inductors-aec-q200-compliant](http://www.bourns.com/products/magnetic-products/common-mode-chip-inductors-aec-q200-compliant). For more information on Bourns® Magnetics, check out our additional available resources in the [Bourns® Magnetics Technical Library](#). Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

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## SRF4532TA Series

### Features


- Shielded construction (low radiation)
- Impedance range: 90 ~ 2800 Ohms @ 100 MHz
- High current
- Compact size
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*
-  **AUTOMOTIVE**  
GRADE

### Applications

- EMI suppression
- Noise filters

## SRF3225TABG Series

### Features

- Shielded construction (low radiation)
- Meets Open Alliance IEEE 1000Base-T1 requirements
- AEC-Q200 compliant
- RoHS compliant\* and halogen free\*\*
-  **AUTOMOTIVE**  
GRADE

### Applications

- Noise suppression in 1000Base-T1 Ethernet, consumer, industrial and other 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.