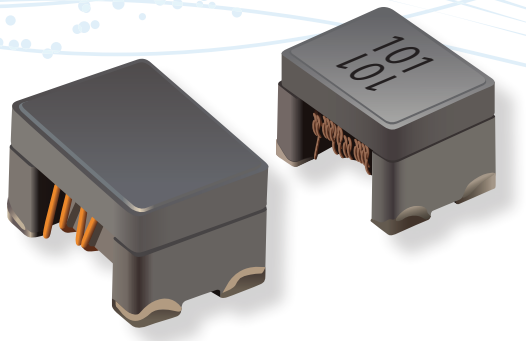
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



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)
SRF4532TA	4.5 x 3.2 x 2.8	90 - 2800	0.9 - 4	0.05 - 0.35	-55 to +125
SRF3225TABG	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. 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.

(Continued)

IC23124

Americas: Tel +1-951 781-5500
americus@bourns.com

EMEA: Tel +36 88 885 877
eurocus@bourns.com

Asia-Pacific: Tel +886-2 256 241 17
asiacus@bourns.com

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.*