

## Bourns Releases 1210-Size Automotive Grade Common Mode Chip Inductors

### *Model SRF3225TABM and SRF3225TAFD Series*


Riverside, California – JULY 27, 2021 – Bourns Magnetics Product Line is introducing the Model [SRF3225TABM](#) and [SRF3225TAFD](#) 1210-Size Automotive Grade Common Mode Chip Inductors. These automotive grade common mode inductors are constructed with a ferrite core and are bifilar-wound delivering compact size, shielded construction for low radiation, and high impedance over a broad frequency range to suppress Electromagnetic Interference (EMI) coming into or leaving the system. The 0.3 mm minimum height sidewall terminal at each end of the inductor core helps enhances the component’s mechanical strength after it is assembled on the board.

The Model SRF3225TABM and SRF3225TAFD series are AEC-Q200 compliant for high reliability and high durability applications which makes them ideal for noise suppression in 100Base-T1 Ethernet, CAN & CAN-FD Class II / III, consumer, industrial and other electronics.

Model	Size (mm)	Inductance	Impedance @ 10 MHz	Rated Current	Operating Temperature
SRF3225TABM-201Y	3.3 x 2.5 x 2.5	200 $\mu$ H	10,000 $\Omega$ Typ.	0.07 A	-40 to +125 $^{\circ}$ C
SRF3225TAFD-101Y	3.3 x 2.5 x 2.5	100 $\mu$ H	5,100 $\Omega$ Typ.	0.15 A	-40 to +125 $^{\circ}$ C

- Model SRF3225TABM-201Y is designed to meet Open Alliance: IEEE 100Base-T1 requirements
- Model SRF3225TAFD-101Y is designed to meet IEC 62228-3 CAN-FD Class II / III (DCMR & CMR Class III compliance)

## Features

- Bifilar-wound
- Shielded construction for low radiation
- High impedance, wide EMI suppression frequency range
- RoHS compliant\* and halogen free\*\*
- AEC-Q200 compliant
-  **AUTOMOTIVE**  
GRADE

## Applications

- Noise filters
- EMI suppression for data and signal lines
- System CANBus
- CAN FD Class II / III
- Ethernet 100Base-T1

Please 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 additional information and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

\* 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.