



Bourns Releases New Automotive Grade High Current Common Mode Chokes

Model SRF7035A Series

Riverside, California – November 15, 2021 – Bourns Magnetics Product Line is releasing the new automotive grade [Model SRF7035A Series](#) high current common mode chokes that offer a compact size and high impedance over a broad frequency range to suppress Electromagnetic Interference (EMI) coming into or leaving the system.

The windings of the Model SRF7035A Series common mode chokes have a sector-wound configuration. In addition to the normal common mode impedance that it is designed to achieve, this construction also features increased differential mode impedance at the high frequency range. The Model SRF7035A Series provides not only common mode but also differential mode filtering in a single choke configuration. The operating temperature range is from -40 to +125 °C.

These high current common mode chokes are AEC-Q200 compliant and ideal for use in DC-DC converters, switch-mode power supplies and power system noise suppression in consumer, industrial and other electronics.

Model SRF7035A Series Characteristics:

Model	Size	Inductance Range	Typical Common Mode Impedance Range	Current Range
SRF7035A	7 x 6 x 3.5 mm	4 – 22.6 μ H	300 – 3000 Ω @ 100 MHz	1.2 - 5 A

For additional details on Bourns® AEC-Q compliant products, visit the Bourns website at www.bourns.com/products/aec-q-compliant-products.

If you have any questions or need additional information, please feel free to contact [Customer Service/ Inside Sales](#).

Features

- Shielded construction - low radiation
- Separated winding
- High current
- Compact size
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

- Noise filters - DC power lines
- EMI suppression - DC power lines

* 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.