

New Product Release

INDUCTIVE COMPONENTS

Bourns Releases AEC-Q200 Compliant Dual-Shielded Inductor Series for Class-D Amplifiers

Model SRF1010DA Series

Riverside, CA - October 17, 2018 - Bourns Inductive Components Product Line is introducing the [Model SRF1010DA](#) Dual-Shielded Inductor Series designed for Class-D amplifier applications. These inductors are dual-packaged and manufactured with a metal alloy powder core featuring high saturation current, low DC resistance, wide operating temperature, and shielded construction for a low coupling factor to minimize crosstalk.

Model	Size	Inductance	Heating Current (I _{rms})	Saturation Current (I _{sat})	Operating Temperature
SRF1010DA Series	12 x 9.6 x 11.3 mm	0.43 – 15 µH	4.6 – 27 A	5.5 – 38 A	-55 to +155 °C

Please visit the Bourns website at <https://www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant> for information on Bourns® AEC-Q200 Compliant Inductive Components. Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

Features

- Shielded construction
- Metal alloy powder core
- High saturation current
- Dual inductors
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

- Class-D amplifier systems
- Class-D output filters

* 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.