



Bourns Releases New AEC-Q200 Compliant High Current Shielded Power Inductors

Model SRP2010DPA Series

Riverside, California – March 9, 2022 – Bourns Magnetics Product Line is introducing the new [Model SRP2010DPA Series](#) High Current Shielded Power Inductors with a compact and low profile design and a 1 mm maximum height. These inductors are manufactured with a metal alloy powder core featuring high saturation current and shielded construction for low magnetic field radiation.

The Model SRP2010DPA Series is AEC-Q200 compliant with a wide operating temperature range from -40 to +125 °C. The low profile feature of these inductors makes them well suited for applications in wearable devices, HDDs, SSDs, smartphones and LCD displays.

<i>Model SRP2010DPA Series Characteristics:</i>	Size (mm)	Inductance (μH)	Heating Current I_{rms} (A)	Saturation Current I_{sat} (A)	Operating Temperature (°C)
	2 x 1.6 x 1 (max.)	0.47 – 4.7	1.1 – 3.6	1.5 – 4.5	-40 to +125

For additional details on Bourns® AEC-Q Compliant Power Inductors, visit the Bourns website at www.bourns.com/products/magnetic-products/power-inductors-aec-q200-compliant.

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

Features

- Shielded construction for low radiation
- Metal alloy powder core for high saturation current
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

- Wearable devices
- HDDs
- SSDs
- Smartphones
- LCD displays

* 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.