

Bourns Releases New AEC-Q200 Compliant, Automotive Grade Chip Inductors


Model CWP3230A Series

Riverside, California – June 6, 2024 – Bourns Magnetics Product Line is introducing the new Automotive Grade [Model CWP3230A Chip Inductor Series](#). This new inductor series features wirewound construction on a ferrite core which offers high inductance, high self-resonant frequency and low DCR.

The Model CWP3230A Series is AEC-Q200 compliant with a broad operating temperature range of -55 °C to +150 °C. This inductor series is well-suited for use in noise filters, DC power lines, Power over Coaxial, and automotive systems.

Series	Size (mm)	Inductance (µH)	Heating Current I _{rms} (mA)	Saturation Current I _{sat} (mA)	Operating Temperature (°C)
CWP3230A	3.2 x 2.5 x 3	2.2 – 47	500 - 1900	300 - 2200	-55 to +150

Features

- High rated current
- Inductance up to 47 µH
- Compact size
- High impedance over a wide frequency range
- High operating temperature up to +150 °C
- AEC-Q200 compliant
- RoHS compliant* and halogen free**
-  AUTOMOTIVE GRADE

Applications

- Automotive systems
- Noise filters
- DC power lines
- Power over Coaxial

For additional product details, visit the Bourns website at www.bourns.com/products/magnetic-products/wirewound-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](#).

* 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.

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