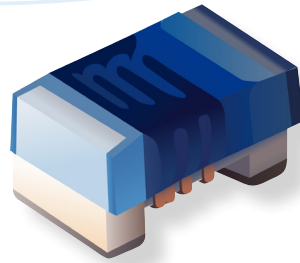




# NEW PRODUCT RELEASE

## MAGNETICS



Revised April 17, 2025

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

### CW2012A Series

Riverside, California – April 4, 2025 – Bourns Magnetics Product Line is introducing the new Automotive Grade [CW2012A Series](#) Chip Inductors. These new inductors feature wirewound construction on a ceramic core which offers high Q and high self-resonant frequency in a compact size.

This series is AEC-Q200 compliant and features an operating temperature range of -55 to +125 °C. These inductors are well-suited for use in high frequency television and radio receivers, radio transmitters, RF amplifiers and tuning applications, as well as automotive systems.

#### Characteristics:

Series	Size (mm)	Inductance (nH)	Self-Resonant Frequency (MHz)	Rated Current (mA)	Operating Temperature (°C)
CW2012A	2.4 x 1.6 x 1.4	2.0 – 1000	100 – 8000	170 – 800	-55 to +125

Please visit the Bourns website at [bourns.com](http://bourns.com) for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

#### Features

- Miniature size
- High self-resonant frequency
- High Q
- RoHS compliant\* and halogen free\*\*
- AEC-Q200 compliant
- **AUTOMOTIVE GRADE**

#### Applications

- Radio transmitters
- RF amplifiers
- Tuning applications
- High frequency applications
- Automotive systems

#### Additional Information



[DATA SHEET](#)



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[SAMPLES](#)



[CONTACT](#)

\* 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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