



## Bourns Releases New AEC-Q200 Compliant Chip Inductors

### *Model CC453232A Series*

Riverside, California – July 21, 2020 – Bourns Magnetics Product Line is introducing the Model [CC453232A Chip Inductor Series](#). These inductors are wound on a ferrite core which provides low DC resistance and high rated current. Encapsulation construction allows these inductors to retain high resistance to heat, humidity, mechanical shock and pressure.

The CC453232A Series is AEC-Q200 compliant with an operating temperature range of -40 to +150 °C. These inductors are ideal for use in RF signal processing, resonant circuits, filters and low power management applications in cable modems, set-top boxes, cellular phones, tablets and various mobile electronic devices.

Model	Size	Inductance	Self-Resonant Frequency (Min.)	Rated Current (Typ.)
CC453232A	4.5 x 3.2 x 3.2 mm	1 – 1000 µH	2 – 180 MHz	0.09 – 2.3 A

For additional details on Bourns® AEC-Q200 Compliant Chip Inductors, visit the Bourns website at [www.bourns.com/products/magnetic-products/wirewound-chip-inductors-aec-q200-compliant](http://www.bourns.com/products/magnetic-products/wirewound-chip-inductors-aec-q200-compliant). Should you have any questions, contact Bourns [Customer Service/Inside Sales](#).

#### Features

- High rated current
- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Tight dimension tolerances for automatic placement
- AEC-Q200 compliant
- RoHS compliant\*



#### Applications

- RF signal processing
- Resonant circuits
- Filters
- Low power management applications for:
  - Cable modems
  - Set-top boxes
  - Cellular phones
  - Tablets and various mobile electronic devices

\*RoHS Directive 2015/863, Mar 31, 2015 and Annex.