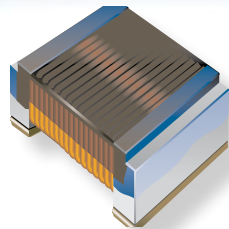


New Product Release

INDUCTIVE COMPONENTS



Bourns Releases AEC-Q200 Compliant Chip Inductors

Model CW105550A and CW161009A Series

Riverside, California - JANUARY 2, 2019 - Bourns Inductive Components Product Line is introducing the [CW105550A](#) and [CW161009A](#) Chip Inductor Series. The inductor is wound on a ceramic core which provides stable electrical characteristics over a wide range of temperatures and frequencies. Both chip inductor series offer a high Q and a high self-resonant frequency in an ultra-small size. They are compliant to the AEC-Q200 standard with an operating temperature range of -40 to +125 °C. These inductors are ideal for use in RF signal processing, resonant circuits and filters for cable modems, set-top boxes, cellular phones, tablets and various mobile electronic devices.

Product Features

Model	Size	Inductance	Self-Resonant Frequency	Rated Current
CW105550A	1 x 0.55 x 0.5 mm	1 – 120 nH	1100 – 6000 MHz	110 – 1360 mA
CW161009A	1.65 x 1.15 x 0.9 mm	0.6 - 100 uH	350 – 12500 MHz	130 – 700 mA

Please visit the Bourns website at www.bourns.com for additional information and contact [Bourns Customer Service](#) if you have any questions.

Features

- Ceramic core provides stable electrical characteristics
- High self-resonant frequency
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Applications

- RF signal processing
- Resonant circuits and filters for cable modems
- Set-top boxes
- Cellular phones
- Tablets and various mobile electronic devices

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** 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.