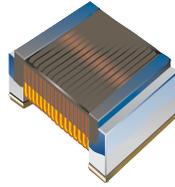


# Featured Products Bulletin

## INDUCTIVE COMPONENTS



## Bourns Releases High Q Chip Inductor Model CW100505 Series

Riverside, California - April 10, 2012 - Bourns® Inductive Components Product Line introduces the new [Model CW100505 Series](#) which has the smallest 0402 size in the Bourns® CW wirewound Chip Inductor products family. This chip inductor is wound on a ceramic core which provides extremely stable electrical characteristics over a wide range of temperature and frequency. The Bourns® Model CW100505 chip inductor offers high Q, high self-resonant frequency in an ultra-small 1 x 0.55 x 0.5 mm size. These inductors are ideal for use in RF signal processing, resonant circuits and filters for cable modems, set-top boxes, cellular phones, wireless PDAs and various mobile electronic devices.

The CW100505 Series offers an inductance range of 1–120 nH with Q in the mid-20s @ 250 MHz, and an SRF as high as 6000 MHz.

Minimum order quantities are 10,000 pieces/reel. Samples are available upon request.

Please visit Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details. If you have any questions, please contact [Bourns Customer Service](#).

### Features

- 0402 miniature size
- Ceramic core provides stable electrical characteristics
- High Q
- High self-resonant frequency
- Flat top surface for automated assembly
- RoHS compliant\* and halogen free\*\*

### Applications

- RF modules
- Cellular phones
- GPS receivers
- Wireless PDAs, LANs
- CATV filters, tuners
- Cable modems, set-top boxes

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

\*\*Bourns follows the prevailing definition of "halogen free" in the industry. 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.