



Bourns Releases New Chip Inductors

Model CWF1610 and CWF2414 Series

Riverside, California – **TO BE RELEASED AUGUST 2, 2021** – Bourns Magnetics Product Line is introducing the Model CWF1610 and Model CW2414 Series Chip Inductors. These new inductors feature wirewound construction on a ferrite core which offers high inductance, high Q, high self-resonant frequency and low DCR in a compact size with an operating temperature range of -40 to +125 °C. The inductors are ideal for use in RF signal processing, resonant circuits, decoupling, noise filters and low current DC power lines, as well as for audio headsets, cable modems, set-top boxes, hard disk drives, tablets and various mobile electronic devices.

Series	Size (mm)	Inductance	Q Value	Self-Resonant Frequency	Rated Current	Saturated Current
CWF1610	1.6 x 1 x 1	1 – 22 μ H	14 – 16	24 – 390 MHz	200 – 700 mA	200 – 860 mA
CWF2414	2.2 x 1.4 x 1.3	1 – 22 μ H	14 – 15	20 – 208 MHz	340 – 1300 mA	240 – 1100 mA

Please visit the Bourns website at www.bourns.com/products/magnetic-products/chip-inductors-wirewound for additional information and contact Bourns Customer Service/Inside Sales if you have any questions.

Features

- Miniature size
- High Q value
- High self-resonant frequency
- Low DCR
- RoHS compliant* and halogen free**

Applications

- RF signal processing
- Resonant circuits
- Decoupling
- Noise filters
- Low current DC power lines
- Audio headsets
- Cable modems
- Set-top boxes
- Hard disk drives
- Tablets
- Various mobile electronic devices

* 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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