

## WCIV Series

### Wire Wound Inductor

### Size 2012



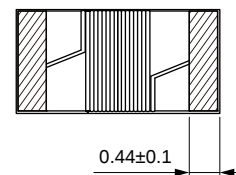
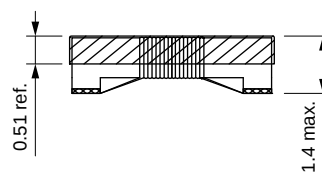
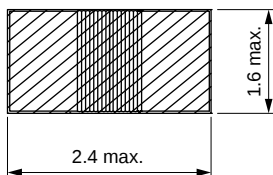
#### FEATURES

- Ceramic core wire wound construction with high Q and high SRF
- AEC-Q200 qualified
- Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
- Operating Temperature: -55~+125 °C (Including self-temperature)
- Quantity: 2000pcs

#### APPLICATION

- Resonant circuits, impedance matching for
- Antenna amplifiers
- Multimedia
- Wireless communication systems
- Automotive electronics
- GPS (Global Positioning System)
- Low-pass filters for data lines

#### Dimensions: [mm]



#### Electrical Properties:

| Part No                  | Inductance (nH) | Tolerance | Test Frequency (Hz) | Q Min. | Test Frequency Q (MHz) | Temperature Rise Current Max. (mA) | DC Resistance Max. (Ω) | SRF Min. (MHz) |
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|-----------------|-----------------|-----------|---------------------|--------|------------------------|------------------------------------|---------------------------------|----------------|
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|                 |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R10J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R11J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R12J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R15J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R18J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R22J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R24J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R27J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R33J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R39J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R47J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R56J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R62J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R68J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R75J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-R82J |                 |           |                     |        |                        |                                    |                                 |                |
| WCIV2012HF-1R0J |                 |           |                     |        |                        |                                    |                                 |                |

Inductance Tolerance: C=±0.2nH , S=±0.3nH, J=±0.5%

