WCIV Series
Wire Wound Inductor
Size 2012

FEATURES

- Ceramic core wire wound construc on with high Q and high SRF
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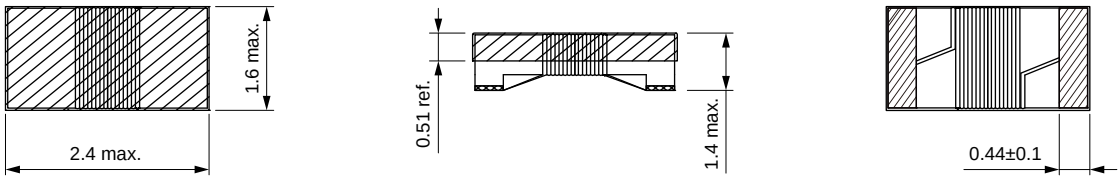
- AEC-Q200 qualified
- Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
- Opera ng Temperature: -55~+125℃ (Including self-tem perature)
- Quan ty: 2000pcs

APPLICATION

- Resonant circuits, impedance matching for
- Antenna amplifiers
- Mul media
- Wireless communica on systems
- Automo ve electronics
- GPS (Global Posi oning 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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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)
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%