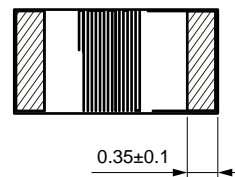
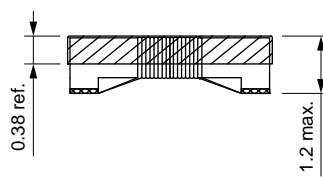
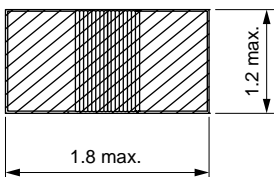


FEATURES

- Ceramic core wire wound construction with high Q and high SRF
- Small size and small tolerance available
- 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)

APPLICATION

-
-
-
-
-
-
-



| | Inductance (nH) | Test Frequency (Hz) | Test Frequency Q (MHz) |
|-----------------|--------------------|---------------------------|------------------------------|
| | 2.0 | 0.1V/250M | 250 |
| WCIV1608HF-3N9□ | 3.9 | 0.1V/250M | 250 |
| WCIV1608HF-4N7□ | 4.7 | 0.1V/250M | 250 |
| WCIV1608HF-6N8□ | 6.8 | 0.1V/250M | 250 |
| WCIV1608HF-8N2□ | 8.2 | 0.1V/250M | 250 |
| WCIV1608HF-10NJ | 10 | 0.1V/250M | 250 |
| WCIV1608HF-12NJ | 12 | 0.1V/250M | 250 |
| WCIV1608HF-15NJ | 15 | 0.1V/250M | 250 |
| WCIV1608HF-18NJ | 18 | 0.1V/250M | 250 |
| WCIV1608HF-22NJ | 22 | 0.1V/250M | 250 |
| WCIV1608HF-24NJ | 24 | 0.1V/250M | 250 |

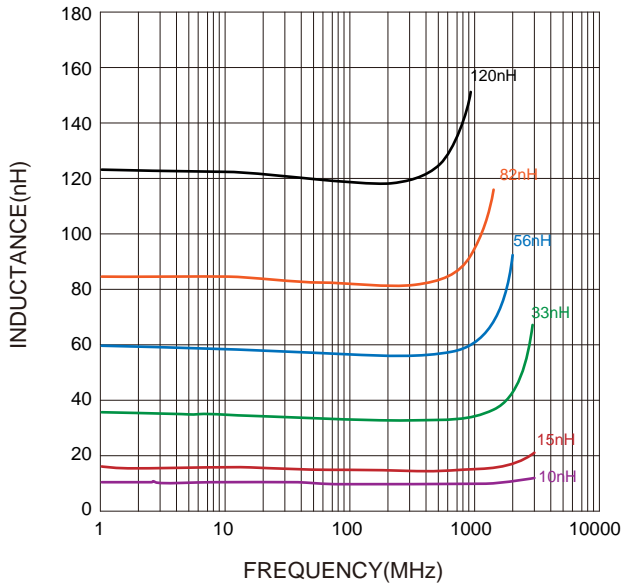


| Part No | Inductance (nH) | Tolerance | Test Frequency (Hz) | Q Min. | Test Frequency Q (MHz) | Temperature Rise Current Max. (mA) | DC Resistance Max. () | SRF Min. (MHz) |
|-----------------|-----------------|-----------|---------------------|--------|------------------------|------------------------------------|------------------------|----------------|
| WCIV1608HF-27NJ | 27 | ±5% | 0.1V/250M | 40 | 250 | 600 | 0.14 | 2800 |
| WCIV1608HF-33NJ | 33 | ±5% | 0.1V/250M | 40 | 250 | 600 | 0.22 | 2300 |
| WCIV1608HF-39NJ | 39 | ±5% | 0.1V/250M | 40 | 250 | 600 | 0.30 | 2200 |
| WCIV1608HF-47NJ | 47 | ±5% | 0.1V/200M | 38 | 250 | 600 | 0.35 | 2000 |
| WCIV1608HF-56NJ | 56 | ±5% | 0.1V/200M | 38 | 250 | 600 | 0.37 | 1900 |
| WCIV1608HF-68NJ | 68 | ±5% | 0.1V/200M | 37 | 250 | 600 | 0.43 | 1700 |
| WCIV1608HF-72NJ | 72 | ±5% | 0.1V/150M | 34 | 250 | 400 | 0.42 | 1700 |
| WCIV1608HF-82NJ | 82 | ±5% | 0.1V/150M | 34 | 250 | 400 | 0.71 | 1700 |
| WCIV1608HF-R10J | 100 | ±5% | 0.1V/150M | 34 | 250 | 400 | 0.78 | 1400 |
| WCIV1608HF-R12J | 120 | ±5% | 0.1V/150M | 32 | 250 | 300 | 0.84 | 1300 |
| WCIV1608HF-R15J | 150 | ±5% | 0.1V/150M | 28 | 250 | 280 | 0.96 | 990 |
| WCIV1608HF-R18J | 180 | ±5% | 0.1V/100M | 25 | 250 | 240 | 1.52 | 990 |
| WCIV1608HF-R22J | 220 | ±5% | 0.1V/100M | 25 | 250 | 200 | 2.02 | 900 |
| WCIV1608HF-R27J | 270 | ±5% | 0.1V/100M | 24 | 250 | 170 | 2.36 | 900 |
| WCIV1608HF-R33J | 330 | ±5% | 0.1V/100M | 24 | 250 | 185 | 3.40 | 700 |
| WCIV1608HF-R39J | 390 | ±5% | 0.1V/100M | 24 | 250 | 100 | 3.60 | 900 |

Inductance Tolerance: C=±0.2nH , S=±0.3nH , J=±5%

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Q VS. Frequency Characteristics:

