

Electrical Characteristics

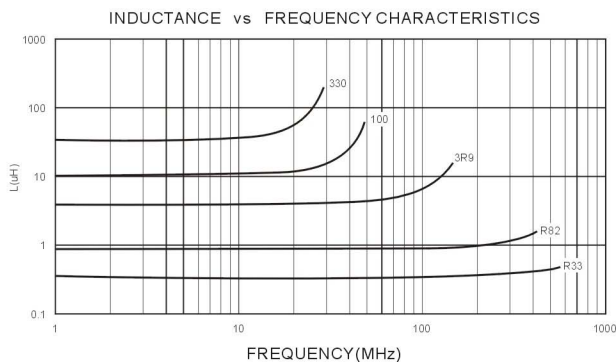
| Part Number | Inductance (μH) | Test Frequency (MHz) | Tolerance (±%) | Q min. | Test Frequency (MHz) | SRF min. (MHz) | RDC Max. (Ω) | IDC Max. (mA) | Color |
|-----------------|-----------------|----------------------|----------------|--------|----------------------|----------------|--------------|---------------|--------|
| LNL201614T-R12□ | 0.12 | 25.2 | 10/5 | 25 | 25.2 | 500 | 0.20 | 600 | White |
| LNL201614T-R15□ | 0.15 | 25.2 | 10/5 | 25 | 25.2 | 450 | 0.50 | 600 | Black |
| LNL201614T-R18□ | 0.18 | 25.2 | 10/5 | 25 | 25.2 | 410 | 0.30 | 570 | Brown |
| LNL201614T-R22□ | 0.22 | 25.2 | 10/5 | 25 | 25.2 | 350 | 0.35 | 55 | Red |
| LNL201614T-R27□ | 0.27 | 25.2 | 10/5 | 25 | 25.2 | 280 | 0.40 | 530 | Orange |
| LNL201614T-R33□ | 0.33 | 25.2 | 10/5 | 25 | 25.2 | 235 | 0.45 | 510 | Yellow |
| LNL201614T-R39□ | 0.39 | 25.2 | 10/5 | 25 | 25.2 | 210 | 0.50 | 490 | Green |
| LNL201614T-R47□ | 0.47 | 25.2 | 10/5 | 25 | 25.2 | 170 | 0.55 | 470 | Blue |
| LNL201614T-R56□ | 0.56 | 25.2 | 10/5 | 25 | 25.2 | 150 | 0.60 | 450 | Violet |
| LNL201614T-R68□ | 0.68 | 25.2 | 10/5 | 25 | 25.2 | 140 | 0.70 | 420 | Gray |
| LNL201614T-R82□ | 0.82 | 25.2 | 10/5 | 25 | 25.2 | 130 | 0.75 | 400 | White |
| LNL201614T-1R0□ | 1.00 | 7.96 | 10/5 | 15 | 7.96 | 115 | 0.80 | 350 | Black |
| LNL201614T-1R2□ | 1.20 | 7.96 | 10/5 | 15 | 7.96 | 95 | 0.90 | 325 | Brown |
| LNL201614T-1R5□ | 1.50 | 7.96 | 10/5 | 15 | 7.96 | 85 | 1.05 | 300 | Red |
| LNL201614T-1R8□ | 1.80 | 7.96 | 10/5 | 15 | 7.96 | 80 | 1.20 | 270 | Orange |
| LNL201614T-2R2□ | 2.20 | 7.96 | 10/5 | 15 | 7.96 | 75 | 1.40 | 250 | Yellow |
| LNL201614T-2R7□ | 2.70 | 7.96 | 10/5 | 15 | 7.96 | 70 | 1.60 | 230 | Green |
| LNL201614T-3R3□ | 3.30 | 7.96 | 10/5 | 15 | 7.96 | 60 | 1.80 | 210 | Blue |
| LNL201614T-3R9□ | 3.90 | 7.96 | 10/5 | 15 | 7.96 | 55 | 2.00 | 190 | Violet |
| LNL201614T-4R7□ | 4.70 | 7.96 | 10/5 | 15 | 7.96 | 45 | 2.40 | 170 | Gray |
| LNL201614T-5R6□ | 5.60 | 7.96 | 10/5 | 15 | 7.96 | 40 | 2.70 | 150 | White |
| LNL201614T-6R8□ | 6.80 | 7.96 | 10/5 | 15 | 7.96 | 36 | 3.20 | 140 | Black |
| LNL201614T-8R2□ | 8.20 | 7.96 | 10/5 | 15 | 7.96 | 33 | 3.60 | 120 | Brown |
| LNL201614T-100□ | 10.0 | 2.52 | 10/5 | 15 | 2.52 | 30 | 4.50 | 110 | Red |
| LNL201614T-120□ | 12.0 | 2.52 | 10/5 | 15 | 2.52 | 25 | 5.70 | 105 | Orange |
| LNL201614T-150□ | 15.0 | 2.52 | 10/5 | 15 | 2.52 | 23 | 6.50 | 90 | Yellow |
| LNL201614T-180□ | 18.0 | 2.52 | 10/5 | 15 | 2.52 | 21 | 7.00 | 85 | Green |
| LNL201614T-220□ | 22.0 | 2.52 | 10/5 | 15 | 2.52 | 20 | 8.00 | 78 | Blue |
| LNL201614T-270□ | 27.0 | 2.52 | 10/5 | 15 | 2.52 | 18 | 9.00 | 75 | Violet |
| LNL201614T-330□ | 33.0 | 2.52 | 10/5 | 15 | 2.52 | 17 | 10.0 | 70 | Gray |

- When ordering, please specify tolerance and packaging codes. Ex: NL201614T-R12J-S
- Tolerance: J = ±5% , K = ±10%
- Packaging: Clear tape and reel {standard} .
- L/Q : Agilent/HP4291A+ Agilent/HP16193A
- SRF: Agilent/HP4291A
- Rdc: DIGITAL MULTIMETER SC-7401
- Idc for Inductance drop 10% from its value without current.
- Operating temperature range from -25°C to 85°C.

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Test Instruments : HP4291A Impedance / Material Analyzer

Typical L vs. Frequency



Typical Q vs. Frequency

