

Electrical Characteristics

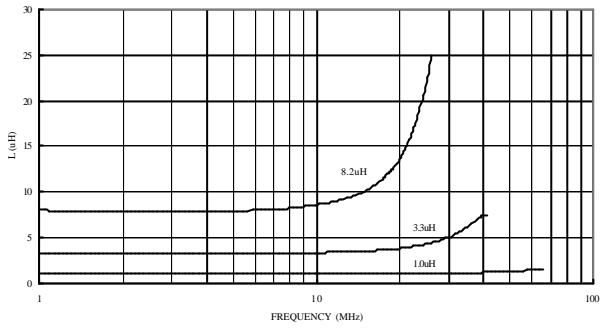
| Part Number | Inductance (mH) | Tolerance (±%) | Q Min. | Test Frequency (MHz) | Self Resonant Frequency (MHz) min | DC Resistance () Max | IDC (mA) Max |
|-------------------|-----------------|----------------|--------|----------------------|-----------------------------------|-----------------------|--------------|
| NLC565050T-1R0K-S | 1.0 | 10 | 10 | 7.96 | 95 | 0.03 | 1800 |
| NLC565050T-1R2K-S | 1.2 | 10 | 10 | 7.96 | 70 | 0.035 | 1700 |
| NLC565050T-1R5K-S | 1.5 | 10 | 10 | 7.96 | 55 | 0.04 | 1600 |
| NLC565050T-1R8K-S | 1.8 | 10 | 10 | 7.96 | 47 | 0.05 | 1400 |
| NLC565050T-2R2K-S | 2.2 | 10 | 10 | 7.96 | 42 | 0.06 | 1300 |
| NLC565050T-2R7K-S | 2.7 | 10 | 10 | 7.96 | 37 | 0.07 | 1200 |
| NLC565050T-3R3K-S | 3.3 | 10 | 10 | 7.96 | 34 | 0.08 | 1120 |
| NLC565050T-3R9K-S | 3.9 | 10 | 10 | 7.96 | 32 | 0.09 | 1050 |
| NLC565050T-4R7K-S | 4.7 | 10 | 10 | 7.96 | 29 | 0.11 | 950 |
| NLC565050T-5R6K-S | 5.6 | 10 | 10 | 7.96 | 26 | 0.13 | 880 |
| NLC565050T-6R8K-S | 6.8 | 10 | 10 | 7.96 | 24 | 0.15 | 810 |
| NLC565050T-8R2K-S | 8.2 | 10 | 10 | 7.96 | 22 | 0.18 | 750 |
| NLC565050T-100K-S | 10 | 10 | 10 | 2.52 | 19 | 0.21 | 690 |
| NLC565050T-120K-S | 12 | 10 | 10 | 2.52 | 17 | 0.25 | 630 |
| NLC565050T-150K-S | 15 | 10 | 10 | 2.52 | 16 | 0.30 | 580 |
| NLC565050T-180K-S | 18 | 10 | 10 | 2.52 | 14 | 0.36 | 530 |
| NLC565050T-220K-S | 22 | 10 | 10 | 2.52 | 13 | 0.43 | 480 |
| NLC565050T-270K-S | 27 | 10 | 10 | 2.52 | 11.5 | 0.52 | 440 |
| NLC565050T-330K-S | 33 | 10 | 10 | 2.52 | 10.5 | 0.62 | 400 |
| NLC565050T-390K-S | 39 | 10 | 10 | 2.52 | 9.5 | 0.72 | 370 |
| NLC565050T-470K-S | 47 | 10 | 10 | 2.52 | 8.5 | 0.85 | 340 |
| NLC565050T-560K-S | 56 | 10 | 10 | 2.52 | 7.8 | 1.00 | 310 |
| NLC565050T-680K-S | 68 | 10 | 10 | 2.52 | 7 | 1.2 | 290 |
| NLC565050T-820K-S | 82 | 10 | 10 | 2.52 | 6.4 | 1.4 | 270 |
| NLC565050T-101K-S | 100 | 10 | 20 | 0.796 | 6 | 1.6 | 250 |
| NLC565050T-121K-S | 120 | 10 | 20 | 0.796 | 5.4 | 1.9 | 230 |
| NLC565050T-151K-S | 150 | 10 | 20 | 0.796 | 4.8 | 2.2 | 210 |
| NLC565050T-181K-S | 180 | 10 | 20 | 0.796 | 4.4 | 2.8 | 190 |
| NLC565050T-221K-S | 220 | 10 | 20 | 0.796 | 3.9 | 3.4 | 170 |
| NLC565050T-271K-S | 270 | 10 | 20 | 0.796 | 3.6 | 4.2 | 155 |
| NLC565050T-331K-S | 330 | 10 | 20 | 0.796 | 3.2 | 4.9 | 140 |
| NLC565050T-391K-S | 390 | 10 | 20 | 0.796 | 2.9 | 5.8 | 130 |
| NLC565050T-471K-S | 470 | 10 | 20 | 0.796 | 2.6 | 7 | 120 |
| NLC565050T-561K-S | 560 | 10 | 20 | 0.796 | 2.4 | 8.5 | 110 |
| NLC565050T-681K-S | 680 | 10 | 20 | 0.796 | 2.2 | 10 | 100 |
| NLC565050T-821K-S | 820 | 10 | 20 | 0.796 | 2 | 13 | 90 |
| NLC565050T-102K-S | 1000 | 10 | 20 | 0.252 | 1.8 | 15 | 85 |

● Test Instrument: P4286A RF Impedance Analyzer for L、Q、SRF Digital Multimeter CH502BC/ HP4338B for RDC

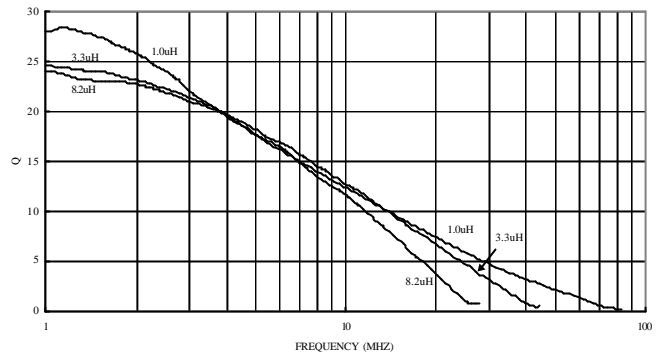
HP4285A LF Impedance Analyzer for L、Q、HP4284A + HP42841A for IDC

Test Instruments : HP4291A Impedance / Material Analyzer

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



Q vs. FREQUENCY CHARACTERISTICS



All specifications are subject to change without notification.