

LCF 1812H Wirewound Ferrite Chip Inductor



| Part Number | Inductance (μH) | Tolerance (±%) | Test Freq. (MHz) | DCR (Ω) Max | SRF (MHz) min | Rated Current (mA) Max |
|--------------|-----------------|----------------|------------------|-------------|---------------|------------------------|
| LCF1812H-1R0 | 1.0 | 20 | 1 | 0.08 | 100 | 1080 |
| LCF1812H-1R5 | 1.5 | 20 | 1 | 0.09 | 85 | 1000 |
| LCF1812H-2R2 | 2.2 | 20 | 1 | 0.11 | 60 | 900 |
| LCF1812H-3R3 | 3.3 | 20 | 1 | 0.13 | 47 | 800 |
| LCF1812H-4R7 | 4.7 | 10 / 20 | 1 | 0.15 | 35 | 750 |
| LCF1812H-6R8 | 6.8 | 10 / 20 | 1 | 0.20 | 30 | 720 |
| LCF1812H-100 | 10 | 5 / 10 | 1 | 0.24 | 23 | 650 |
| LCF1812H-150 | 15 | 5 / 10 | 1 | 0.32 | 20 | 570 |
| LCF1812H-220 | 22 | 5 / 10 | 1 | 0.60 | 15 | 420 |
| LCF1812H-330 | 33 | 5 / 10 | 1 | 1.0 | 12 | 310 |
| LCF1812H-470 | 47 | 5 / 10 | 1 | 1.1 | 10 | 280 |
| LCF1812H-680 | 68 | 5 / 10 | 1 | 1.7 | 8.4 | 220 |
| LCF1812H-101 | 100 | 5 / 10 | 1 | 2.2 | 6.8 | 190 |
| LCF1812H-151 | 150 | 5 / 10 | 1 | 3.5 | 5.5 | 130 |
| LCF1812H-221 | 220 | 5 / 10 | 1 | 4.0 | 4.5 | 110 |
| LCF1812H-331 | 330 | 5 / 10 | 1 | 6.8 | 3.6 | 100 |
| LCF1812H-471 | 470 | 5 / 10 | 0.001 | 8.5 | 3.0 | 90 |

Rated Current: Self temperature rise shall be limited to 35° C Max. Inductance drop 10% typ.
 Operating temp: -25° C ~ 85° C
 Soldering Heat: 230° C 10 seconds after 150° C preheat cycle for 4 minutes.

Test Equipment: L: HP4192. LF Impedance Analyzer
 SRF: HP4291A RF Impedance Analyzer
 DCR: CHEN HWA 502 BC