

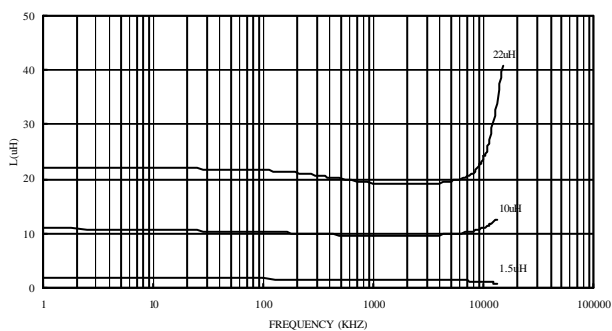
Electrical Characteristics

| Part Number | Inductance ① (mH) | Tolerance (±%) | DC Resistance () max. | Self Resonant ② Frequency (MHz) Typ | Isat ③ (A) | Irms ④ (A) |
|------------------|----------------------|-------------------|---------------------------|---|---------------|---------------|
| SSL0804HC-R33M-S | 0.33 | 20 | 0.002 | 300 | 20.0 | 16.0 |
| SSL0804HC-R68M-S | 0.68 | 20 | 0.005 | 200 | 13.0 | 12.0 |
| SSL0804HC-1R0M-S | 1.0 | 20 | 0.006 | 100 | 11.0 | 10.0 |
| SSL0804HC-1R5M-S | 1.5 | 20 | 0.008 | 90 | 9.0 | 9.0 |
| SSL0804HC-2R2M-S | 2.2 | 20 | 0.011 | 90 | 7.8 | 7.4 |
| SSL0804HC-2R7M-S | 2.7 | 20 | 0.012 | 65 | 7.0 | 6.6 |
| SSL0804HC-3R3M-S | 3.3 | 20 | 0.014 | 65 | 6.4 | 5.9 |
| SSL0804HC-4R7M-S | 4.7 | 20 | 0.018 | 45 | 5.4 | 4.8 |
| SSL0804HC-6R8M-S | 6.8 | 20 | 0.035 | 35 | 3.6 | 5.0 |
| SSL0804HC-100M-S | 10.0 | 20 | 0.04 | 26 | 3.3 | 4.3 |
| SSL0804HC-150M-S | 15.0 | 20 | 0.06 | 21 | 2.4 | 3.5 |
| SSL0804HC-220M-S | 22.0 | 20 | 0.08 | 17 | 2.0 | 2.8 |
| SSL0804HC-330M-S | 33.0 | 20 | 0.15 | 14 | 1.7 | 2.1 |
| SSL0804HC-470M-S | 47.0 | 20 | 0.28 | 12 | 1.4 | 1.7 |
| SSL0804HC-680M-S | 68.0 | 20 | 0.3 | 9 | 1.2 | 1.5 |
| SSL0804HC-101M-S | 100.0 | 20 | 0.4 | 7 | 0.95 | 1.2 |

- Inductance tested at 100 kHz, 0.1 Vrms.
- SRF measured using HP8753D network analyzer
- Inductance drop = 10% typ. at Isat.
- T = 40 typ at I_{rms}.
- Operating temperature range -40 to +85
- Electrical specifications at 25

Test Instruments :

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



INDUCTANCE vs. IDC CHARACTERISTICS

