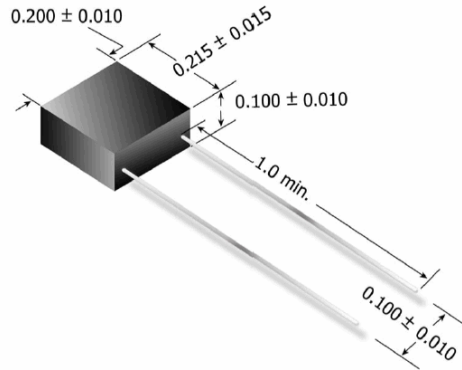


C22000 Series

RF Inductor



Marking (on face of case)

22558

C22xxx

FEATURES

- Leads: Tin-lead coated copper wire
- Welded Internal Connections, Transfer Molded Package

SPECIFICATIONS

- Weight: 1 gram, maximum
- Operating temperature range: -55°C to 125°C
- Power dissipation: 0.2 watt, maximum
- Terminal Pull: 5 pounds minimum

| C/ACM P/N | Inductance (μH) | Test Freq (MHz) | Q Min | SRF Min (MHz) | DCR Max (Ω) | Current Max (mA) |
|-----------|-----------------|-----------------|-------|---------------|-------------|------------------|
| C22001 | 0.10 ± 10% | 25 | 55 | 450 | 0.04 | 2200 |
| C22002 | 0.12 ± 10% | 25 | 65 | 400 | 0.05 | 2000 |
| C22003 | 0.15 ± 10% | 25 | 60 | 350 | 0.06 | 1800 |
| C22004 | 0.18 ± 10% | 25 | 60 | 320 | 0.07 | 1600 |
| C22005 | 0.22 ± 10% | 25 | 65 | 300 | 0.08 | 1500 |
| C22006 | 0.27 ± 10% | 25 | 65 | 280 | 0.10 | 1400 |
| C22007 | 0.33 ± 10% | 25 | 65 | 260 | 0.11 | 1300 |
| C22008 | 0.39 ± 10% | 25 | 65 | 240 | 0.14 | 1200 |
| C22009 | 0.47 ± 10% | 25 | 65 | 220 | 0.17 | 1100 |
| C22010 | 0.56 ± 10% | 25 | 70 | 200 | 0.22 | 1000 |
| C22011 | 0.68 ± 10% | 25 | 70 | 180 | 0.27 | 900 |
| C22012 | 0.82 ± 10% | 25 | 70 | 160 | 0.30 | 800 |
| C22013 | 1.00 ± 5% | 7.9 | 70 | 150 | 0.35 | 750 |
| C22014 | 1.20 ± 5% | 7.9 | 60 | 130 | 0.40 | 700 |
| C22015 | 1.50 ± 5% | 7.9 | 60 | 120 | 0.50 | 630 |
| C22016 | 1.80 ± 5% | 7.9 | 60 | 110 | 0.70 | 530 |
| C22017 | 2.20 ± 5% | 7.9 | 60 | 100 | 0.90 | 470 |
| C22018 | 2.70 ± 5% | 7.9 | 60 | 90 | 1.10 | 420 |
| C22019 | 3.30 ± 5% | 7.9 | 60 | 70 | 1.30 | 390 |
| C22020 | 3.90 ± 5% | 7.9 | 60 | 60 | 1.50 | 360 |
| C22021 | 4.70 ± 5% | 7.9 | 60 | 50 | 1.80 | 330 |
| C22022 | 5.60 ± 5% | 7.9 | 60 | 45 | 2.00 | 310 |
| C22023 | 6.80 ± 5% | 7.9 | 60 | 40 | 2.20 | 300 |
| C22024 | 8.20 ± 5% | 7.9 | 60 | 37 | 2.40 | 290 |
| C22025 | 10.00 ± 5% | 7.9 | 60 | 35 | 2.60 | 280 |

