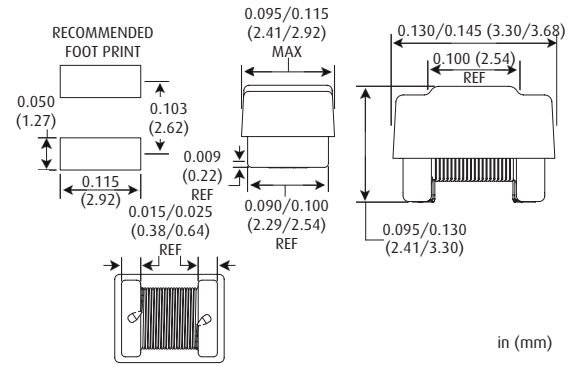


CC4H1210 SERIES



Ceramic High Performance Surface Mount Chip Inductor

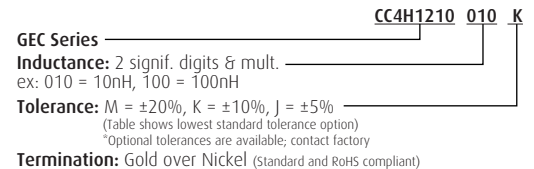


| PART NUMBER | L nH | L&Q TEST FREQ MHz | Q MIN | SRF MHZ MIN | DCR Ω MAX | CURRENT RATING mA DC MAX |
|---------------------|------|-------------------|-------|-------------|-----------|--------------------------|
| CERAMIC CORE | | | | | | |
| CC4H1210-010K | 10 | 50 | 45 | 4000 | 0.080 | 2000 |
| CC4H1210-012G | 12 | 50 | 45 | 3500 | 0.080 | 2000 |
| CC4H1210-015G | 15 | 50 | 45 | 3000 | 0.090 | 1900 |
| CC4H1210-018G | 18 | 50 | 40 | 2500 | 0.090 | 1900 |
| CC4H1210-022G | 22 | 50 | 40 | 2200 | 0.100 | 1700 |
| CC4H1210-027G | 27 | 50 | 40 | 2000 | 0.100 | 1700 |
| CC4H1210-033G | 33 | 50 | 40 | 1800 | 0.110 | 1520 |
| CC4H1210-039G | 39 | 50 | 40 | 1600 | 0.110 | 1520 |
| CC4H1210-047G | 47 | 50 | 40 | 1400 | 0.120 | 1450 |
| CC4H1210-056G | 56 | 50 | 40 | 1200 | 0.130 | 1400 |
| CC4H1210-068G | 68 | 50 | 40 | 1100 | 0.140 | 1340 |
| CC4H1210-082G | 82 | 50 | 40 | 1000 | 0.150 | 1300 |

NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Weight MAX:** 0.065 grams
- Suitable for reflow soldering
- Flat top cover for pick and place
- Excellent for high frequency applications
- No internal solder connection increases reliability
- Very tight distribution within lots
- Extremely high SRF; Exceptional Q
- High current handling capability
- Low DC resistance
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION



TAPE AND REEL SPECS

| | |
|----------------------|-------|
| Pieces/reel maximum: | 1500 |
| Pitch between parts: | 4 mm |
| Tape width: | 8 mm |
| Reel diameter: | 7 in. |