



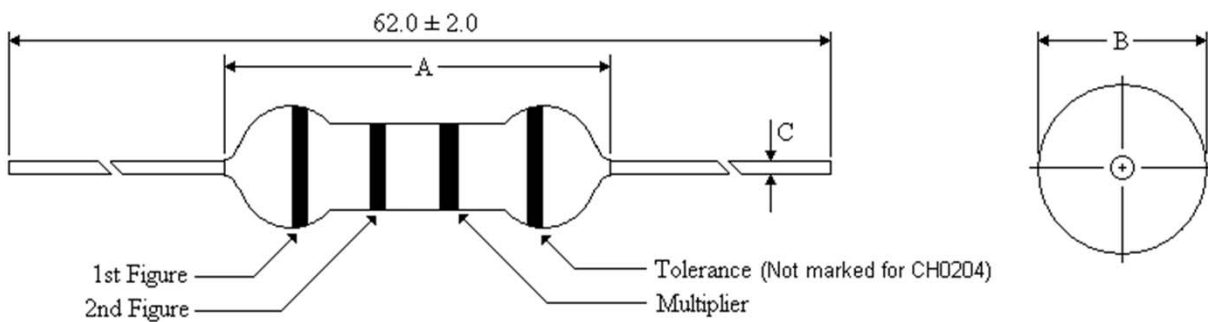
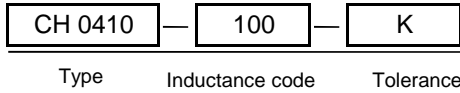
■ Features:

- Conformal coated inductors
- Treated with epoxy resin coating makes it high reliability
- CH0204/0307/0410/0510 with special magnetic core structure. contributes to high Q and high SRF.

■ Applications:

- Televisions, personal computers.
- Radios, telephones
- Others various electronic products

■ Parts code:



■ Dimensions in mm

| TYPE | A | B | C | PACKAGING |
|---------|----------|---------|-------------|-------------|
| CH 0204 | 4.0 Max | 2.8 Max | 0.50 ± 0.05 | 4000Pcs/Box |
| CH 0307 | 7.62 Max | 3.0 Max | 0.55 ± 0.05 | 3000Pcs/Box |
| CH 0410 | 10.5 Max | 4.0 Max | 0.65 ± 0.05 | 2000Pcs/Box |
| CH 0510 | 12.0 Max | 5.0 Max | 0.65 ± 0.05 | 1000Pcs/Box |

■ Color code:

| Color | NOMINAL INDUCTANCE (uH) | | | Tolerance |
|--------|-------------------------|------------|------------|-----------|
| | 1st Figure | 2st Figure | Multiplier | |
| Black | 0 | 0 | 1 | ± 20% |
| Brown | 1 | 1 | 10 | — |
| Red | 2 | 2 | 100 | — |
| Orange | 3 | 3 | 1000 | — |
| Yellow | 4 | 4 | — | — |
| Green | 5 | 5 | — | — |
| Blue | 6 | 6 | — | — |
| Violet | 7 | 7 | — | — |
| Grey | 8 | 8 | — | — |
| White | 9 | 9 | — | — |
| Gold | — | — | 0.1 | ± 5% |
| Silver | — | — | 0.01 | ± 10% |

■ Specifications

| Inductance | | CH 0510 | | | | |
|------------|-----|---------|----------------|-----------|---------------|---------------|
| | | Q | Test Frequency | SRF | DC Resistance | Rated Current |
| Code | mH | (Min) | (L , Q) KHz | (MHz) Min | (Ω) Max | (mA) Max |
| 122 | 1.2 | 80 | 252 | 1.30 | 9 | 110 |
| 152 | 1.5 | 80 | 252 | 1.20 | 10 | 100 |
| 182 | 1.8 | 80 | 252 | 1.20 | 11 | 90 |
| 222 | 2.2 | 80 | 252 | 1.10 | 14 | 80 |
| 272 | 2.7 | 80 | 252 | 0.85 | 18 | 75 |
| 332 | 3.3 | 80 | 252 | 0.74 | 22 | 65 |
| 392 | 3.9 | 80 | 252 | 0.70 | 26 | 60 |
| 472 | 4.7 | 80 | 252 | 0.66 | 32 | 55 |
| 562 | 5.6 | 70 | 252 | 0.64 | 34 | 50 |
| 682 | 6.8 | 70 | 252 | 0.58 | 45 | 45 |
| 822 | 8.2 | 50 | 252 | 0.50 | 60 | 40 |
| 103 | 10 | 50 | 79.6 | 0.48 | 70 | 38 |
| 123 | 12 | 50 | 79.6 | 0.46 | 82 | 35 |
| 153 | 15 | 50 | 79.6 | 0.40 | 89 | 32 |
| 183 | 18 | 40 | 79.6 | 0.37 | 140 | 28 |
| 223 | 22 | 40 | 79.6 | 0.33 | 170 | 25 |
| 253 | 25 | 40 | 79.6 | 0.28 | 185 | 24 |
| 273 | 27 | 40 | 79.6 | 0.26 | 210 | 23 |
| 303 | 30 | 40 | 79.6 | 0.25 | 240 | 22 |
| 333 | 33 | 40 | 79.6 | 0.24 | 250 | 20 |

■ Notes : Tolerance: J= ± 5% K= ± 10% M = ± 20%