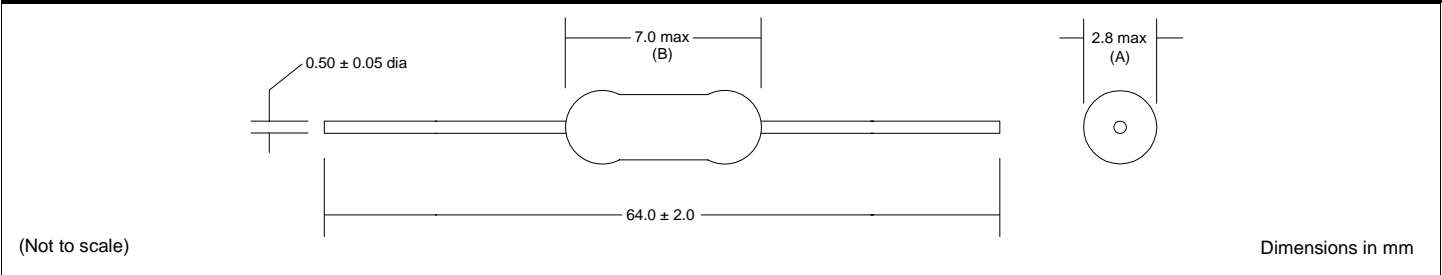
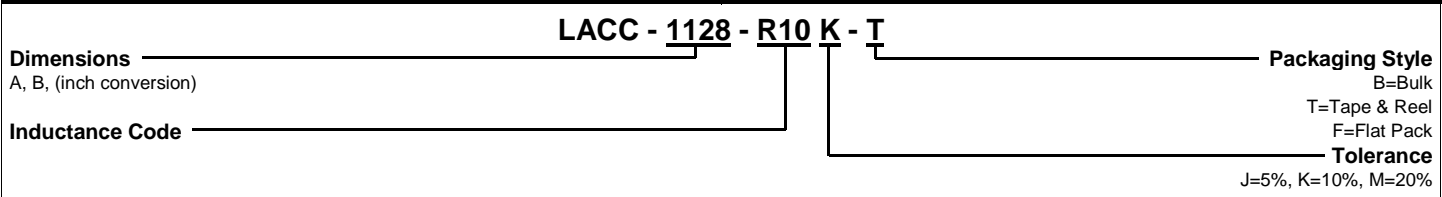


Axial Conformal Coated Inductor (LACC-1128 Series)

Dimensions



Part Numbering Guide



Features

| | |
|-----------------------|-----------------------------|
| Inductance Range | 0.1 μ H to 1000 μ H |
| Tolerance | 5%, 10%, 20% |
| Operating Temperature | -20°C to +80°C |
| Construction | Conformal Coated |
| Dielectric Strength | 250 Volts RMS |

Electrical Specifications

| L Code | L (μ H) | Q Min | Test Freq (MHz) | SRF Min (MHz) | RDC Max (Ohms) | IDC Max (mA) | L Code | L (μ H) | Q Min | Test Freq (MHz) | SRF Min (MHz) | RDC Max (Ohms) | IDC Max (mA) |
|--------|--------------|-------|-----------------|---------------|----------------|--------------|--------|--------------|-------|-----------------|---------------|----------------|--------------|
| R10 | 0.10 | 35 | 25.2 | 380 | 0.075 | 1150 | 120 | 12.0 | 50 | 2.52 | 20 | 0.80 | 350 |
| R12 | 0.12 | 35 | 25.2 | 380 | 0.075 | 1150 | 150 | 15.0 | 50 | 2.52 | 16 | 0.88 | 335 |
| R15 | 0.15 | 35 | 25.2 | 380 | 0.075 | 1150 | 180 | 18.0 | 50 | 2.52 | 15 | 1.0 | 315 |
| R18 | 0.18 | 35 | 25.2 | 380 | 0.075 | 1150 | 220 | 22.0 | 50 | 2.52 | 13 | 1.2 | 285 |
| R22 | 0.22 | 35 | 25.2 | 380 | 0.075 | 1150 | 270 | 27.0 | 50 | 2.52 | 11 | 1.35 | 270 |
| R27 | 0.27 | 35 | 25.2 | 360 | 0.08 | 1110 | 330 | 33.0 | 50 | 2.52 | 10 | 1.5 | 255 |
| R33 | 0.33 | 35 | 25.2 | 350 | 0.08 | 1110 | 390 | 39.0 | 50 | 2.52 | 9.5 | 1.7 | 240 |
| R39 | 0.39 | 35 | 25.2 | 320 | 0.09 | 1000 | 470 | 47.0 | 50 | 2.52 | 8.5 | 2.3 | 205 |
| R47 | 0.47 | 40 | 25.2 | 300 | 0.10 | 1000 | 560 | 56.0 | 50 | 2.52 | 7.5 | 2.6 | 195 |
| R56 | 0.56 | 40 | 25.2 | 280 | 0.11 | 950 | 680 | 68.0 | 50 | 2.52 | 6.5 | 2.9 | 185 |
| R68 | 0.68 | 40 | 25.2 | 250 | 0.12 | 900 | 820 | 82.0 | 50 | 2.52 | 6 | 3.2 | 175 |
| R82 | 0.82 | 40 | 25.2 | 200 | 0.12 | 900 | 101 | 100 | 50 | 2.52 | 5.5 | 3.5 | 165 |
| 1R0 | 1.00 | 50 | 25.2 | 180 | 0.15 | 815 | 121 | 120 | 50 | 0.796 | 5.4 | 3.8 | 160 |
| 1R2 | 1.20 | 50 | 7.96 | 165 | 0.18 | 740 | 151 | 150 | 50 | 0.796 | 4.75 | 4.4 | 150 |
| 1R5 | 1.50 | 50 | 7.96 | 150 | 0.20 | 700 | 181 | 180 | 50 | 0.796 | 4.35 | 5.0 | 140 |
| 1R8 | 1.80 | 50 | 7.96 | 125 | 0.23 | 655 | 221 | 220 | 50 | 0.796 | 4 | 5.7 | 130 |
| 2R2 | 2.20 | 50 | 7.96 | 110 | 0.25 | 630 | 271 | 270 | 50 | 0.796 | 3.7 | 6.5 | 120 |
| 2R7 | 2.70 | 50 | 7.96 | 95 | 0.28 | 595 | 331 | 330 | 50 | 0.796 | 3.4 | 9.5 | 100 |
| 3R3 | 3.30 | 50 | 7.96 | 70 | 0.30 | 575 | 391 | 390 | 50 | 0.796 | 2.8 | 10.5 | 95 |
| 3R9 | 3.90 | 50 | 7.96 | 65 | 0.32 | 555 | 471 | 470 | 50 | 0.796 | 2.55 | 11.6 | 90 |
| 4R7 | 4.70 | 50 | 7.96 | 50 | 0.35 | 530 | 561 | 560 | 50 | 0.796 | 2.35 | 13.0 | 85 |
| 5R6 | 5.60 | 50 | 7.96 | 40 | 0.40 | 500 | 681 | 680 | 50 | 0.796 | 2 | 18.0 | 75 |
| 6R8 | 6.80 | 50 | 7.96 | 30 | 0.45 | 470 | 821 | 820 | 50 | 0.796 | 1.5 | 23.0 | 65 |
| 8R2 | 8.20 | 50 | 7.96 | 28 | 0.55 | 425 | 102 | 1000 | 50 | 0.796 | 1.2 | 26.0 | 60 |
| 100 | 10.0 | 50 | 7.96 | 22 | 0.72 | 370 | | | | | | | |