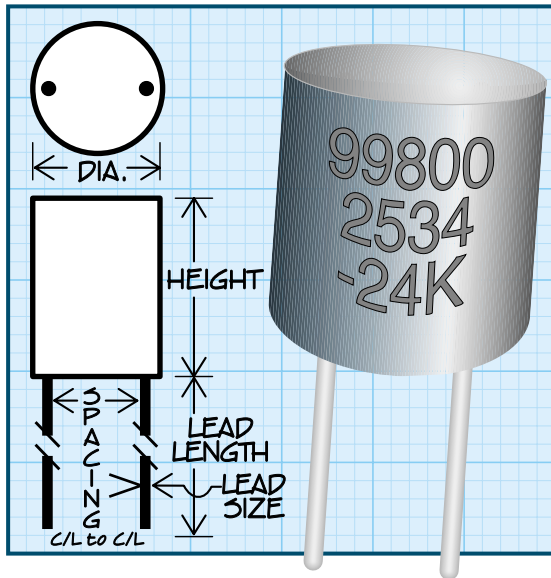


Molded Unshielded RF Coils



Physical Parameters

| | Inches | Millimeters |
|--------------|----------------|---------------|
| Height | 0.345 Max. | 8.76 Max. |
| Diameter | 0.25 ± 0.010 | 6.35 ± 0.25 |
| Lead Size | | |
| AWG #24 TCW | 0.020 ± 0.0015 | 0.508 ± .0038 |
| Lead Length | 1.62 ± 0.12 | 41.15 ± 3.05 |
| Lead Spacing | 0.170 to 0.210 | 4.32 to 5.33 |

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature Range -55°C to +125°C

Maximum Power Dissipation at 90°C 0.23 W

Weight Max. (Grams) 1.0

Core Material Ferrite

Packaging Bulk only

Made in the U.S.A.

DASH NUMBER*
INDUCTANCE (mH)
TOLERANCE
Q MINIMUM
TEST FREQUENCY (KHz)
SRF MINIMUM (MHz)
DC RESISTANCE MAXIMUM (OHMS)
CURRENT RATING MAXIMUM (mA)

SERIES 2534 FERRITE CORE

| | | | | | | | |
|------|-------|-------|-----|-----|------|--------|------|
| -00K | 0.10 | ± 10% | 100 | 790 | 4.0 | 1.5 | 330 |
| -02K | 0.12 | ± 10% | 95 | 790 | 3.3 | 1.8 | 300 |
| -04K | 0.15 | ± 10% | 90 | 790 | 3.2 | 2.0 | 285 |
| -06K | 0.18 | ± 10% | 85 | 790 | 2.8 | 2.2 | 277 |
| -08K | 0.22 | ± 10% | 90 | 790 | 2.5 | 2.4 | 265 |
| -10K | 0.27 | ± 10% | 95 | 790 | 2.3 | 3.2 | 229 |
| -12K | 0.33 | ± 10% | 90 | 790 | 2.2 | 3.4 | 220 |
| -14K | 0.39 | ± 10% | 80 | 790 | 2.0 | 4.1 | 203 |
| -16K | 0.47 | ± 10% | 70 | 790 | 1.9 | 4.5 | 193 |
| -18K | 0.56 | ± 10% | 65 | 790 | 1.8 | 4.8 | 187 |
| -20K | 0.68 | ± 10% | 65 | 790 | 1.7 | 5.4 | 175 |
| -22K | 0.82 | ± 10% | 65 | 790 | 1.6 | 5.8 | 170 |
| -24K | 1.00 | ± 10% | 65 | 790 | 1.4 | 6.4 | 160 |
| -26K | 1.20 | ± 10% | 95 | 250 | 1.2 | 10.0 | 130 |
| -28K | 1.50 | ± 10% | 90 | 250 | 1.15 | 12.0 | 118 |
| -30K | 1.80 | ± 10% | 90 | 250 | 1.10 | 14.0 | 110 |
| -32K | 2.20 | ± 10% | 90 | 250 | 0.95 | 17.0 | 100 |
| -34K | 2.70 | ± 10% | 90 | 250 | 0.86 | 20.0 | 90 |
| -36K | 3.30 | ± 10% | 90 | 250 | 0.80 | 24.0 | 85 |
| -38K | 3.90 | ± 10% | 85 | 250 | 0.68 | 27.0 | 80 |
| -40K | 4.70 | ± 10% | 85 | 250 | 0.64 | 34.0 | 70 |
| -42K | 5.60 | ± 10% | 80 | 250 | 0.60 | 37.0 | 68 |
| -44K | 6.80 | ± 10% | 75 | 250 | 0.50 | 45.0 | 61 |
| -46K | 8.20 | ± 10% | 65 | 250 | 0.47 | 48.0 | 59 |
| -48K | 10.0 | ± 10% | 45 | 250 | 0.42 | 51.0 | 58 |
| -50L | 12.0 | ± 15% | 40 | 79 | 0.41 | 100.0 | 41 |
| -52L | 15.0 | ± 15% | 45 | 79 | 0.32 | 105.0 | 40 |
| -54L | 18.0 | ± 15% | 45 | 79 | 0.30 | 120.0 | 37 |
| -56L | 22.0 | ± 15% | 45 | 79 | 0.25 | 145.0 | 34 |
| -58L | 27.0 | ± 15% | 45 | 79 | 0.24 | 195.0 | 29 |
| -60L | 33.0 | ± 15% | 45 | 79 | 0.21 | 250.0 | 26 |
| -62L | 39.0 | ± 15% | 40 | 79 | 0.20 | 295.0 | 23 |
| -64L | 47.0 | ± 15% | 40 | 79 | 0.18 | 365.0 | 21.5 |
| -66L | 56.0 | ± 15% | 40 | 79 | 0.17 | 430.0 | 19.5 |
| -68L | 68.0 | ± 15% | 30 | 79 | 0.15 | 510.0 | 18.0 |
| -70L | 82.0 | ± 15% | 30 | 79 | 0.14 | 605.0 | 16.6 |
| -72L | 100.0 | ± 15% | 30 | 79 | 0.12 | 670.0 | 15.8 |
| -74L | 120.0 | ± 15% | 30 | 50 | 0.11 | 900.0 | 13.5 |
| -76L | 150.0 | ± 15% | 25 | 50 | 0.10 | 1100.0 | 12.0 |

Optional Tolerances: J = 5% H = 3%

*Complete part # must include series # PLUS the dash #

For further surface finish information, refer to TECHNICAL section of this catalog.