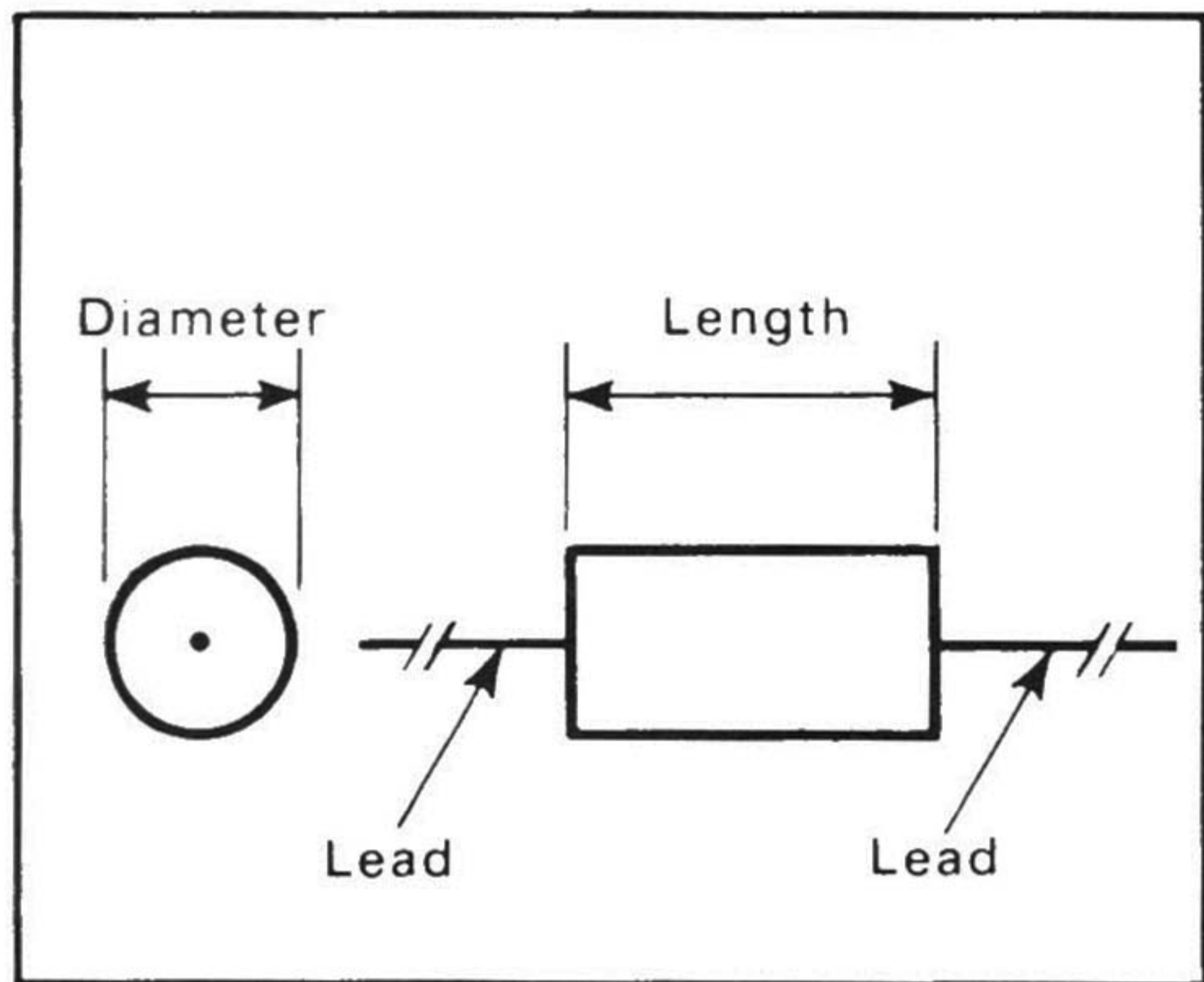
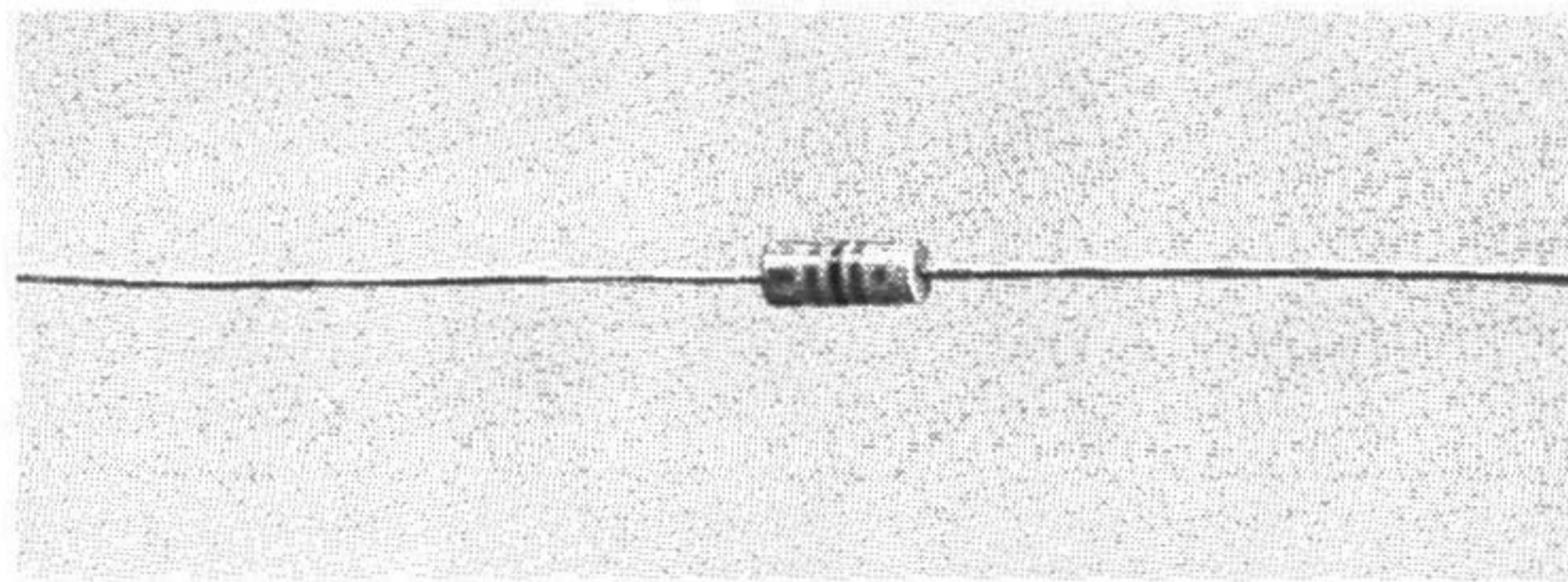


1025 SERIES

Delevan molded RF coils

MILITARY SPECIFICATIONS

- MS-75083** (LT4K)
- MS-75084** (LT10K)
- MS-75085** (LT10K)



PHYSICAL PARAMETERS*

- LENGTH
.250 ± .010 6.35 ± .25
- DIAMETER
.095 ± .010 2.41 ± .25
- LEAD SIZE AWG #24 TCW
.020 ± .0015 .508 ± .038
- LEAD LENGTH
1.5 ± .12 38.1 ± 3.05

CURRENT RATING AT 90°C AMB.

- LT4K 35°C Rise
- LT10K 15°C Rise

OPERATING TEMPERATURE

- LT4K -55°C to +125°C
- LT10K -55°C to +105°C

POWER DISSIPATION AT 90°C

- LT4K .21 Max. Watts (Phenolic)
- LT10K .09 Max. Watts (Iron)
- LT10K .073 Max. Watts (Ferrite)

WEIGHT MAX. (GRAMS) .3

*PHYSICAL PARAMETERS
in black type are in inches.
Blue type indicates millimeters.

| Delevan Part Number | Inductance Microhenries - 10% | Q Min. | Test Frequency (MHz) | Resonant Frequency Min. (MHz) | D.C. Resistance Max. (ohms) | Current Rating Max. (mA) | Core Material |
|---------------------|-------------------------------------|-----------|-------------------------|----------------------------------|--------------------------------|-----------------------------|--------------------|
| 1025-94 | .10 | 40 | | 680 | .08 | 1380 | |
| 1025-96 | .12 | 40 | 25.0 | 640 | .09 | 1300 | |
| 1025-00 | .15 | 38 | | 600 | .10 | 1230 | |
| 1025-02 | .18 | 35 | | 550 | .12 | 1120 | |
| 1025-04 | .22 | 33 | 25.0 | 510 | .14 | 1040 | |
| 1025-06 | .27 | 33 | | 430 | .16 | 975 | |
| 1025-08 | .33 | 30 | | 410 | .22 | 830 | PHENOLIC (LT4K) |
| 1025-10 | .39 | 30 | 25.0 | 365 | .30 | 710 | |
| 1025-12 | .47 | 30 | | 330 | .35 | 660 | |
| 1025-14 | .56 | 30 | | 300 | .50 | 550 | |
| 1025-16 | .68 | 28 | 25.0 | 275 | .60 | 500 | |
| 1025-18 | .82 | 28 | | 250 | .85 | 420 | |
| 1025-20 | 1.00 | 25 | | 230 | 1.00 | 390 | |
| 1025-22 | 1.20 | 25 | | 150 | .18 | 620 | |
| 1025-24 | 1.50 | 28 | 7.9 | 140 | .22 | 560 | |
| 1025-26 | 1.80 | 30 | | 125 | .30 | 480 | |
| 1025-28 | 2.20 | 30 | | 115 | .40 | 415 | |
| 1025-30 | 2.70 | 37 | 7.9 | 100 | .55 | 355 | |
| 1025-32 | 3.30 | 45 | | 90 | .85 | 285 | |
| 1025-34 | 3.90 | 45 | | 80 | 1.00 | 263 | |
| 1025-36 | 4.70 | 45 | 7.9 | 75 | 1.20 | 239 | |
| 1025-38 | 5.60 | 50 | | 65 | 1.80 | 195 | IRON (LT10K) |
| 1025-40 | 6.80 | 50 | | 60 | 2.00 | 185 | |
| 1025-42 | 8.20 | 55 | 7.9 | 55 | 2.70 | 160 | |
| 1025-44 | 10.0 | 55 | | 50 | 3.30 | 144 | |
| 1025-46 | 12.0 | 45 | | 40 | 2.70 | 160 | |
| 1025-48 | 15.0 | 45 | 2.5 | 35 | 2.80 | 157 | |
| 1025-50 | 18.0 | 50 | | 30 | 3.10 | 149 | |
| 1025-52 | 22.0 | 50 | 2.5 | 25 | 3.30 | 144 | |
| 1025-54 | 27.0 | 50 | | 20 | 3.50 | 140 | |
| 1025-56 | 33.0 | 45 | | 24 | 3.40 | 130 | |
| 1025-58 | 39.0 | 45 | 2.5 | 22 | 3.60 | 125 | |
| 1025-60 | 47.0 | 45 | | 20 | 4.50 | 110 | |
| 1025-62 | 56.0 | 45 | | 18 | 5.70 | 100 | |
| 1025-64 | 68.0 | 50 | 2.5 | 15 | 6.70 | 92 | |
| 1025-66 | 82.0 | 50 | | 14 | 7.30 | 88 | |
| 1025-68 | 100.0 | 50 | | 13 | 8.00 | 84 | |
| 1025-70 | 120.0 | 30 | | 12 | 13.00 | 66 | |
| 1025-72 | 150.0 | 30 | .79 | 11 | 15.00 | 61 | |
| 1025-74 | 180.0 | 30 | | 10 | 17.00 | 57 | FERRITE (LT10K) |
| 1025-76 | 220.0 | 30 | | 9 | 21.00 | 52 | |
| 1025-78 | 270.0 | 30 | .79 | 8 | 25.00 | 47 | |
| 1025-80 | 330.0 | 30 | | 7 | 28.00 | 45 | |
| 1025-82 | 390.0 | 30 | | 6.5 | 35.00 | 40 | |
| 1025-84 | 470.0 | 30 | .79 | 6 | 42.00 | 36 | |
| 1025-86 | 560.0 | 30 | | 5 | 46.00 | 35 | |
| 1025-88 | 680.0 | 30 | | 4.2 | 60.00 | 30 | |
| 1025-90 | 820.0 | 30 | .79 | 3.8 | 65.00 | 29 | |
| 1025-92 | 1000.0 | 30 | | 3.4 | 72.00 | 28 | |