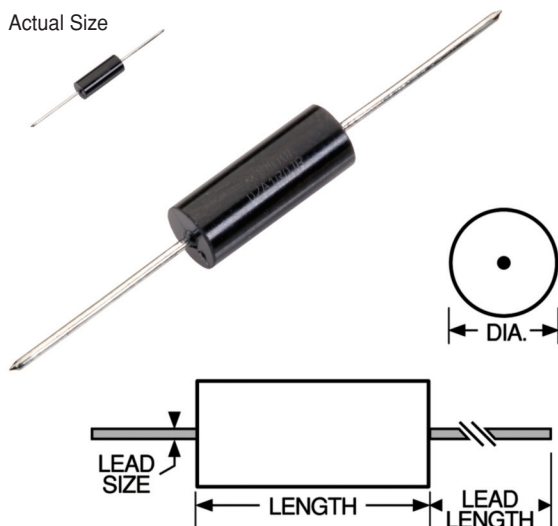


**SERIES****0925R  
0925****Molded Shielded RF Coils**

Actual Size

**Military Specifications**

MS21426 (LT10K); MS21427 (LT10K)

**Physical Parameters**

|             | Inches         | Millimeters   |
|-------------|----------------|---------------|
| Length      | 0.250 ± 0.010  | 6.35 ± 0.25   |
| Diameter    | 0.095 ± 0.010  | 2.41 ± 0.25   |
| Lead Size   |                |               |
| AWG #24 TCW | 0.020 ± 0.0015 | 0.508 ± 0.038 |
| Lead Length | 1.5 ± 0.12     | 38.10 ± 3.05  |

**Current Rating at 90°C Ambient** 15°C Rise**Operating Temperature Range** -55°C to +105°C**Maximum Power Dissipation at 90°C** 0.0585 W**Weight Max.** (Grams) 0.25**Incremental Current** Current level which causes a Max. of 5% change in inductance.**Coupling** 3% Max.

† Self Resonant Frequency (SRF) values are calculated and to be used for reference only.

**Marking** DELEVAN; inductance with units and tolerance; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: 0925R-472K

|               |                 |
|---------------|-----------------|
| <i>Front:</i> | <i>Reverse:</i> |
| DELEVAN       | 4.7uH±10%       |
| 4.7uH±10%     | R 0902A         |

**Packaging** Tape & reel: 12" reel, 3500 pieces max.; 14" reel, 6000 pieces max.**Made in the U.S.A.**

| DASH NUMBER* | MIL DASH # | INDUCTANCE (μH) ±10% | TEST FREQUENCY (MHz) | Q MINIMUM | SRF MINIMUM (MHz) | MAXIMUM (MHz) | DC RESISTANCE MAXIMUM (OHMS) | CURRENT RATING MAXIMUM (mA) | INCREMENTAL CURRENT (mA) |
|--------------|------------|----------------------|----------------------|-----------|-------------------|---------------|------------------------------|-----------------------------|--------------------------|
|--------------|------------|----------------------|----------------------|-----------|-------------------|---------------|------------------------------|-----------------------------|--------------------------|

**MS21426- SERIES 0925 IRON CORE & SLEEVE (LT10K)**

|       |    |       |    |      |        |      |     |     |
|-------|----|-------|----|------|--------|------|-----|-----|
| -101K | 1  | 0.10  | 54 | 25.0 | 490.0† | 0.10 | 670 | 670 |
| -121K | 2  | 0.12  | 52 | 25.0 | 430.0† | 0.11 | 635 | 635 |
| -151K | 3  | 0.15  | 50 | 25.0 | 415.0† | 0.12 | 610 | 610 |
| -181K | 4  | 0.18  | 49 | 25.0 | 375.0† | 0.13 | 585 | 585 |
| -221K | 5  | 0.22  | 47 | 25.0 | 330.0† | 0.15 | 545 | 545 |
| -271K | 6  | 0.27  | 46 | 25.0 | 300.0† | 0.16 | 530 | 530 |
| -331K | 7  | 0.33  | 44 | 25.0 | 260.0† | 0.18 | 495 | 495 |
| -391K | 8  | 0.39  | 42 | 25.0 | 230.0  | 0.19 | 485 | 485 |
| -471K | 9  | 0.47  | 41 | 25.0 | 220.0  | 0.21 | 460 | 460 |
| -561K | 10 | 0.56  | 41 | 25.0 | 210.0  | 0.23 | 440 | 440 |
| -681K | 11 | 0.68  | 39 | 25.0 | 180.0  | 0.24 | 430 | 430 |
| -821K | 12 | 0.82  | 38 | 25.0 | 165.0  | 0.27 | 405 | 405 |
| -102K | 13 | 1.00  | 37 | 25.0 | 150.0  | 0.30 | 385 | 385 |
| -122K | 14 | 1.20  | 40 | 7.9  | 130.0  | 0.73 | 247 | 247 |
| -152K | 15 | 1.50  | 41 | 7.9  | 115.0  | 0.86 | 228 | 228 |
| -182K | 16 | 1.80  | 43 | 7.9  | 105.0  | 0.95 | 217 | 217 |
| -222K | 17 | 2.20  | 45 | 7.9  | 95.0   | 1.10 | 202 | 202 |
| -272K | 18 | 2.70  | 48 | 7.9  | 90.0   | 1.20 | 193 | 193 |
| -332K | 19 | 3.30  | 49 | 7.9  | 80.0   | 1.30 | 185 | 185 |
| -392K | 20 | 3.90  | 50 | 7.9  | 75.0   | 1.50 | 173 | 173 |
| -472K | 21 | 4.70  | 53 | 7.9  | 70.0   | 2.40 | 136 | 136 |
| -562K | 22 | 5.60  | 54 | 7.9  | 60.0   | 2.90 | 124 | 124 |
| -682K | 23 | 6.80  | 55 | 7.9  | 55.0   | 3.20 | 118 | 118 |
| -822K | 24 | 8.20  | 55 | 7.9  | 53.0   | 3.60 | 111 | 111 |
| -103K | 25 | 10.0  | 57 | 7.9  | 50.0   | 4.00 | 106 | 106 |
| -123K | 26 | 12.0  | 36 | 2.5  | 35.0   | 3.00 | 122 | 122 |
| -153K | 27 | 15.0  | 38 | 2.5  | 30.0   | 3.40 | 115 | 115 |
| -183K | 28 | 18.0  | 40 | 2.5  | 26.0   | 3.80 | 108 | 108 |
| -223K | 29 | 22.0  | 40 | 2.5  | 24.0   | 4.90 | 96  | 96  |
| -273K | 30 | 27.0  | 40 | 2.5  | 21.0   | 5.80 | 88  | 88  |
| -333K | 31 | 33.0  | 41 | 2.5  | 20.0   | 6.50 | 83  | 83  |
| -393K | 32 | 39.0  | 42 | 2.5  | 19.0   | 7.90 | 75  | 75  |
| -473K | 33 | 47.0  | 44 | 2.5  | 16.0   | 9.30 | 69  | 69  |
| -563K | 34 | 56.0  | 44 | 2.5  | 15.0   | 11.0 | 64  | 64  |
| -683K | 35 | 68.0  | 45 | 2.5  | 13.0   | 12.0 | 61  | 61  |
| -823K | 36 | 82.0  | 45 | 2.5  | 11.0   | 13.0 | 59  | 59  |
| -104K | 37 | 100.0 | 40 | 2.5  | 10.5   | 16.8 | 51  | 51  |

**MS21427- SERIES 0925 FERRITE CORE & SLEEVE (LT10K)**

|       |   |       |    |      |      |      |    |    |
|-------|---|-------|----|------|------|------|----|----|
| -124K | 1 | 120.0 | 31 | 0.79 | 13.0 | 5.80 | 88 | 27 |
| -154K | 2 | 150.0 | 33 | 0.79 | 12.0 | 7.90 | 75 | 24 |
| -184K | 3 | 180.0 | 33 | 0.79 | 11.0 | 9.40 | 69 | 22 |
| -224K | 4 | 220.0 | 35 | 0.79 | 10.0 | 11.0 | 64 | 20 |
| -274K | 5 | 270.0 | 37 | 0.79 | 9.0  | 12.0 | 61 | 18 |
| -334K | 6 | 330.0 | 40 | 0.79 | 8.0  | 16.0 | 53 | 16 |
| -394K | 7 | 390.0 | 38 | 0.79 | 7.8  | 21.0 | 46 | 14 |
| -474K | 8 | 470.0 | 36 | 0.79 | 7.5  | 24.0 | 43 | 13 |
| -564K | 9 | 560.0 | 36 | 0.79 | 7.0  | 28.0 | 40 | 12 |

**Parts listed above are QPL/MIL qualified**

Optional Tolerances: J = 5% H = 3%

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

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