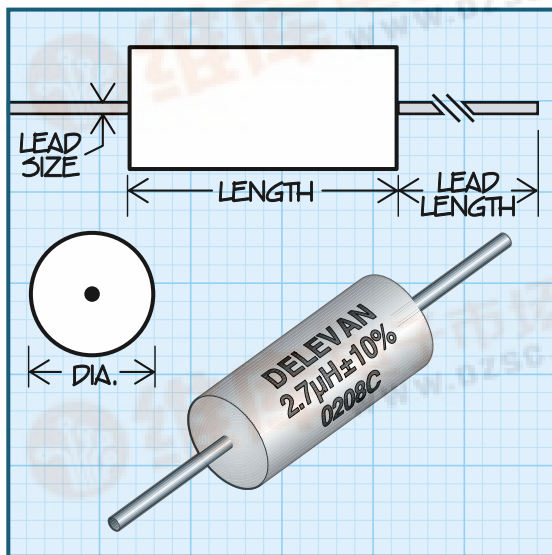


# Series 1840R

1840

查询"1840-00M"供应商

## Molded Unshielded RF Coils



### Military Specifications

MS75008 (LT4K); MS75101 (LT10K)

### Physical Parameters

|             | Inches        | Millimeters   |
|-------------|---------------|---------------|
| Length      | 0.437 ± 0.010 | 11.10 ± 0.25  |
| Diameter    | 0.187 ± 0.010 | 4.75 ± 0.25   |
| Lead Size   |               |               |
| AWG #22 TCW | 0.025 ± 0.002 | 0.635 ± 0.051 |
| Lead Length | 1.44 ± 0.12   | 36.58 ± 3.05  |

### Current Rating at 90°C Ambient

LT4K 35°C Rise

LT10K 15°C Rise

### Operating Temperature Range

LT4K -55°C to +125°C;

LT10K -55°C to +105°C

### Maximum Power Dissipation at 90°C

LT4K 0.385 W

LT10K 0.165 W

Weight Max. (Grams) 0.95

**Packaging** Tape & reel: 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max. For additional packaging options, see technical section.

● No MS # Issued

Made in the U.S.A.

DASH NUMBER\*

MIL DASH #

INDUCTANCE (µH)

TOLERANCE

Q MINIMUM

TEST FREQUENCY (MHz)

SRF MINIMUM (MHz)

DC RESISTANCE MAXIMUM (OHMS)

CURRENT RATING MAXIMUM (mA)

| MS75008- SERIES 1840 PHENOLIC CORE (LT4K) |    |      |       |    |      |     |       |      |
|-------------------------------------------|----|------|-------|----|------|-----|-------|------|
| -00M                                      | 21 | 0.15 | ± 20% | 55 | 25.0 | 510 | 0.030 | 3050 |
| -02M                                      | 22 | 0.22 | ± 20% | 55 | 25.0 | 415 | 0.035 | 2820 |
| -04M                                      | 23 | 0.33 | ± 20% | 55 | 25.0 | 350 | 0.050 | 2360 |
| -05M                                      | ●  | 0.39 | ± 20% | 55 | 25.0 | 300 | 0.080 | 1860 |
| -06M                                      | 24 | 0.47 | ± 20% | 55 | 25.0 | 300 | 0.080 | 1860 |
| -07K                                      | 25 | 0.56 | ± 10% | 55 | 25.0 | 270 | 0.100 | 1670 |
| -08K                                      | 26 | 0.68 | ± 10% | 55 | 25.0 | 250 | 0.120 | 1520 |
| -09K                                      | 27 | 0.82 | ± 10% | 55 | 25.0 | 220 | 0.180 | 1240 |
| -10K                                      | 28 | 1.00 | ± 10% | 55 | 25.0 | 200 | 0.250 | 1050 |
| -11K                                      | 29 | 1.20 | ± 10% | 35 | 7.9  | 180 | 0.400 | 835  |
| -12K                                      | 30 | 1.50 | ± 10% | 35 | 7.9  | 170 | 0.485 | 755  |
| -13K                                      | 31 | 1.80 | ± 10% | 35 | 7.9  | 150 | 0.740 | 610  |
| -14K                                      | 32 | 2.20 | ± 10% | 35 | 7.9  | 140 | 0.900 | 555  |
| -16K                                      | 33 | 2.70 | ± 10% | 35 | 7.9  | 120 | 1.100 | 525  |
| MS75101- SERIES 1840 IRON CORE (LT10K)    |    |      |       |    |      |     |       |      |
| -18K                                      | 1  | 3.30 | ± 10% | 35 | 7.9  | 70  | 0.120 | 1020 |
| -20K                                      | 2  | 3.90 | ± 10% | 35 | 7.9  | 65  | 0.155 | 900  |
| -22K                                      | 3  | 4.70 | ± 10% | 35 | 7.9  | 60  | 0.210 | 775  |
| -24K                                      | 4  | 5.60 | ± 10% | 35 | 7.9  | 50  | 0.280 | 670  |
| -26K                                      | 5  | 6.80 | ± 10% | 35 | 7.9  | 50  | 0.375 | 580  |
| -28K                                      | 6  | 8.20 | ± 10% | 35 | 7.9  | 48  | 0.400 | 560  |
| -30K                                      | 7  | 10.0 | ± 10% | 35 | 7.9  | 42  | 0.600 | 455  |
| -32K                                      | 8  | 12.0 | ± 10% | 50 | 2.5  | 36  | 0.850 | 385  |
| -34K                                      | 9  | 15.0 | ± 10% | 55 | 2.5  | 30  | 1.200 | 324  |
| -35K                                      | 10 | 18.0 | ± 10% | 60 | 2.5  | 30  | 1.800 | 265  |
| -36K                                      | 11 | 22.0 | ± 10% | 60 | 2.5  | 24  | 2.000 | 251  |
| -38K                                      | 12 | 27.0 | ± 10% | 65 | 2.5  | 22  | 2.750 | 214  |

Parts listed above are QPL/MIL qualified

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

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

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

RF INDUCTORS