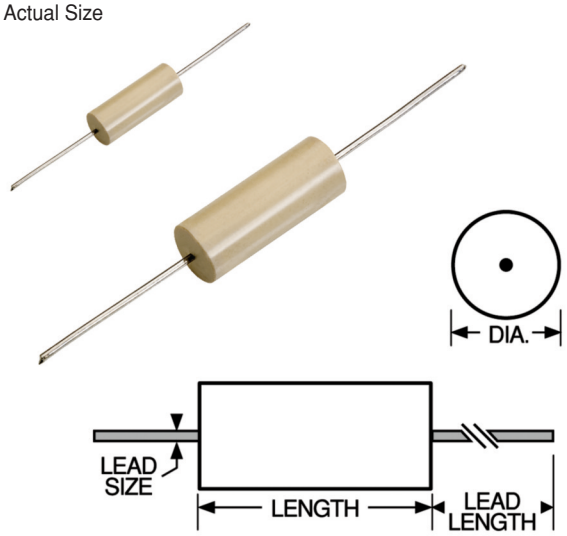
SERIES 1840R 1840

RoHS Compliant

MILITARY QPL APPROVED

Molded Unshielded RF Coils

Actual Size



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 #

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

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

Example: 1840R-18K

Front:	*Reverse:*
DELEVAN	3.3uH±10%
3.3uH±10%	R 0910A

Packaging Tape & reel: 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max.

◐ No MS # Issued

Made in the U.S.A.

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1840R-34KTR 1840-35K 1840R-06MTR 1840-13K 1840-20JTR 1840-22K 1840-30K 1840-34K 1840-09K 1840-36K 1840R-22K 1840-00M 1840-00K 1840-00J 1840-00H 1840-00G 1840-00F 1840-02M 1840-02K 1840-02J 1840-02H 1840-02G 1840-02F 1840-04M 1840-04K 1840-04J 1840-04H 1840-04G 1840-04F 1840-05M 1840-05K 1840-05J 1840-05H 1840-05G 1840-05F 1840-06M 1840-06K 1840-06J 1840-06H 1840-06G 1840-06F 1840-07K 1840-07J 1840-07H 1840-07G 1840-07F 1840-08K 1840-08J 1840-08H 1840-08G 1840-08F 1840-09J 1840-09H 1840-09G 1840-09F 1840-10K 1840-10J 1840-10H 1840-10G 1840-10F 1840-11K 1840-11J 1840-11H 1840-11G 1840-11F 1840-12K 1840-12J 1840-12H 1840-12G 1840-12F 1840-13J 1840-13H 1840-13G 1840-13F 1840-14K 1840-14J 1840-14H 1840-14G 1840-14F 1840-16K 1840-16J 1840-16H 1840-16G 1840-16F 1840-18K 1840-18J 1840-18H 1840-18G 1840-18F 1840-20K 1840-20H 1840-20G 1840-20F 1840-22J 1840-22H 1840-22G 1840-22F 1840-24K 1840-24J 1840-24H