

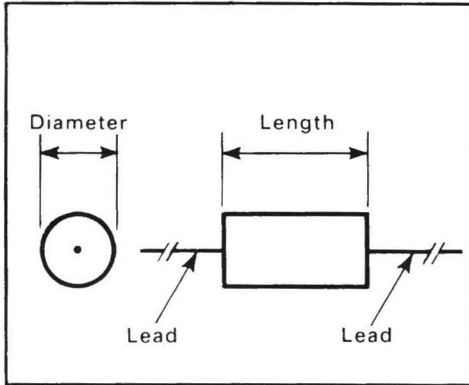
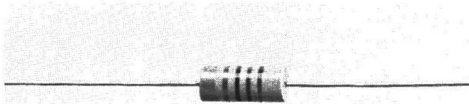
1840 SERIES

Delevan molded RF coils

MILITARY SPECIFICATIONS

MS-75008 (LT4K)

MS-75101 (LT10K)



PHYSICAL PARAMETERS*

LENGTH
 .437 ± .010 11.10 ± .25
 DIAMETER
 .187 ± .010 4.75 ± .25
 LEAD SIZE AWG #22 TCW
 .025 ± .002 .635 ± .051
 LEAD LENGTH
 1.44 ± .12 36.58 ± 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 .385 Max. (Watts)
 LT10K .165 Max. (Watts)

WEIGHT MAX. (GRAMS) .95

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

Delevan Part Number	Inductance Microhenries	Q Min.	Test Frequency (MHz)	Resonant Frequency Min. (MHz)	D.C. Resistance Max. (ohms)	Current Rating Max. (mA)	Core Material
1840-00	.15 ± 20%	55		510	.030	3050	PHENOLIC (LT4K)
1840-02	.22 ± 20%	55	25.0	415	.035	2820	
1840-04	.33 ± 20%	55		350	.050	2360	
1840-06	.47 ± 20%	55		300	.080	1860	
1840-07	.56 ± 10%	55	25.0	270	.100	1670	
1840-08	.68 ± 10%	55		250	.120	1520	
1840-09	.82 ± 10%	55	25.0	220	.180	1240	
1840-10	1.00 ± 10%	55	25.0	200	.250	1050	
1840-11	1.20 ± 10%	35	7.9	180	.400	835	
1840-12	1.50 ± 10%	35		170	.485	755	
1840-13	1.80 ± 10%	35	7.9	150	.740	610	
1840-14	2.20 ± 10%	35		140	.900	555	
1840-16	2.70 ± 10%	35		120	1.100	525	
1840-18	3.30 ± 10%	35		70	.120	1020	
1840-20	3.90 ± 10%	35	7.9	65	.155	900	
1840-22	4.70 ± 10%	35		60	.210	775	
1840-24	5.60 ± 10%	35		50	.280	670	
1840-26	6.80 ± 10%	35	7.9	50	.375	580	
1840-28	8.20 ± 10%	35		48	.400	560	
1840-30	10.0 ± 10%	35	7.9	42	.600	455	
1840-32	12.0 ± 10%	50	2.5	36	.850	385	
1840-34	15.0 ± 10%	55	2.5	30	1.200	324	
1840-35	18.0 ± 10%	60		30	1.800	265	
1840-36	22.0 ± 10%	60	2.5	24	2.000	251	
1840-38	27.0 ± 10%	65		22	2.750	214	