

Molded RF coils

MILITARY SPECIFICATIONS

SERIES



MS-14047 (LT10K)
MS-14048 (LT10K)
MS-75052 (LT4K)

3500

Delevan Part Number	Inductance Microhenries $\pm 10\%$	Q Min.	Test Frequency (MHz)	Resonant Frequency Min. (MHz)	D.C. Resistance Max. (ohms)	Current Rating Max. (mA)	Mold Size	Core Material	Delevan Part Number	Inductance Microhenries $\pm 10\%$	Q Min.	Test Frequency (MHz)	Resonant Frequency Min. (MHz)	D.C. Resistance Max. (ohms)	Current Rating Max. (mA)	Mold Size	Core Material
3500-00	47	18	2.5	13.5	5.9	225	A	PHENOLIC (LT4K)	3500-26	560	80	.79	3.5	10.0	133	C	IRON (LT10K)
3500-02	56	18		13.0	6.4	216	A		3500-28	680	75		3.2	11.2	125	C	
3500-04	68	70		13.0	3.3	210			3500-30	820	75		3.0	13.0	116		
3500-06	82	65	11.7	3.5	196	3500-32		1000	70	2.7	14.5	110					
3500-08	100	65	.79	10.7	3.8	188	A	3500-34	1500	85	.25	2.2	22.0	93	D		
3500-10	120	75		9.3	4.7	169		3500-36†	2000	85		1.9	26.0	86			
3500-12	150	75		8.3	5.3	159		3500-37	2200	85		1.8	27.0	84			
3500-14	180	80	6.0	5.5	171	B	3500-38†	2500	85	1.7	30.0	80	D				
3500-16	220	80	.79	5.5	5.9	165	B	3500-39	2700	85	.25	1.6		32.0	77		
3500-18	270	80		5.1	6.6	156		3500-40†	5000	70		1.2		65.0	54		
3500-20	330	75		4.2	7.8	143		3500-41	5100	70		1.0	66.0	53			
3500-22	390	75	.79	3.9	8.7	136	B	3500-42†	10000	70	.25	.8	70.0	52	D*	FERRITE	
3500-24	470	80		3.7	9.0	140	C	3500-44	10000	70		.8	70.0	52	D	IRON	

PHYSICAL PARAMETERS

Mold Size	Diameter		Length		Lead Type & Size		Lead Length		Power Dissipation at 90°C Max. (Watts)	Weight Max. (Grams)
	$\pm .010$ Inches	$\pm .25$ mm	$\pm .010$ Inches	$\pm .25$ mm	Inches $\pm .002$	$\pm .051$ mm	$\pm .12$ Inches	± 3.05 mm		
A	.250	[6.35]	.560	[14.22]	AWG #22 TCW .025	[-.635]	1.44	[36.58]	Phenolic .415 Iron .175	2.0
B	.310	[7.87]	.560	[14.22]	AWG #21 TCW .028	[-.711]	1.44	[36.58]	.21	2.8
C	.375	[9.53]	.625	[15.88]	AWG #21 TCW .028	[-.711]	1.44	[36.58]	.23	4.0
D	.468	[11.89]	.687	[17.45]	AWG #21 TCW .028	[-.711]	1.44	[36.58]	.25	6.4
					*AWG #20 TCW .032	[-.813]				

CURRENT RATING AT 90°C AMB.

Phenolic 35°C Rise
Iron & Ferrite 15°C Rise

OPERATING TEMPERATURE

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

†No MS # issued.

PHYSICAL PARAMETERS — in inches and [millimeters.]

