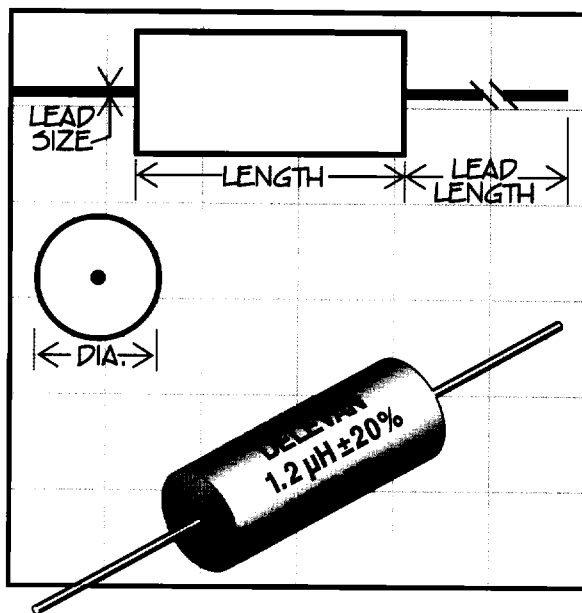


Series 1944 & 1945

Molded Unshielded RF Coils



Test Methods MIL-C-15305 test methods, only.
MS21389-01 to MS21389-17, reference - 1944 Series
MS21390-01 to MS21390-39, reference - 1945 Series

Physical Parameters

	Inches	Millimeters
Length	0.420 to 0.447	10.67 to 11.35
Diameter	0.168 to 0.193	4.27 to 4.90
Lead Size		
AWG #22 TCW	0.023 to 0.027	0.584 to 0.686
Lead Length	1.30 Min.	33.02 Min.

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature -55°C to +125°C

Maximum Power Dissipation at 90°C

Series 1944: 0.385 W

Series 1945: 0.330 W

Marking Parts are printed with DELEVAN, Inductance Value/Tolerance, and Lot/Date Code. Optional color banding is available; when required, suffix Part Number with the letter "B".

Made in the U.S.A.

PART NUMBER	MIL DASH # (Ref.)	INDUCTANCE (µH)	INDUCTANCE TEST FREQUENCY (MHz)	Q-TEST FREQUENCY (MHz)	Q MINIMUM	RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
MS21389 (reference) - SERIES 1944 PHENOLIC CORE								
1944-01M	01	0.10±20%	25	50	75	400	0.020	4000
1944-02M	02	0.12±20%	25	50	75	400	0.025	3500
1944-03M	03	0.15±20%	25	50	75	400	0.030	3000
1944-04M	04	0.18±20%	25	50	65	400	0.030	3000
1944-05M	05	0.22±20%	25	50	65	400	0.030	3000
1944-06M	06	0.27±20%	25	45	65	376	0.040	2700
1944-07M	07	0.33±20%	25	40	65	352	0.045	2500
1944-08M	08	0.39±20%	25	40	60	320	0.070	2000
1944-09M	09	0.47±20%	25	25	55	288	0.070	2000
1944-10M	10	0.56±20%	25	25	50	264	0.100	1700
1944-11M	11	0.68±20%	25	25	50	240	0.120	1500
1944-12M	12	0.82±20%	25	25	45	220	0.160	1300
1944-13M	13	1.00±20%	25	20	45	200	0.230	1100
1944-14M	14	1.20±20%	7.9	20	45	176	0.280	1000
1944-15K	15	1.50±10%	7.9	15	45	160	0.380	850
1944-16K	16	1.80±10%	7.9	15	45	144	0.540	720
1944-17K	17	2.20±10%	7.9	15	45	132	0.750	610
MS21390 (reference) - SERIES 1945 IRON CORE								
1945-01K	01	2.70±10%	7.9	10	55	88	0.11	1600
1945-05K	02	3.30±10%	7.9	10	55	80	0.14	1400
1945-06K	03	3.90±10%	7.9	10	60	76	0.19	1200
1945-04K	04	4.70±10%	7.9	7.9	70	72	0.28	1000
1945-05K	05	5.60±10%	7.9	7.9	65	64	0.34	900
1945-06K	06	6.80±10%	7.9	7.9	65	56	0.43	800
1945-07K	07	8.20±10%	7.9	7.9	60	52	0.56	720
1945-08K	08	10.0±10%	7.9	5.0	60	48	0.67	650
1945-09K	09	12.0±10%	2.5	5.0	65	42.4	0.81	590
1945-10K	10	15.0±10%	2.5	2.5	80	37.6	1.15	500
1945-11K	11	18.0±10%	2.5	2.5	75	34.4	1.40	460
1945-12K	12	22.0±10%	2.5	2.5	75	32.0	1.60	430
1945-13J	13	27.0±5%	2.5	2.5	75	28.8	2.30	360
1945-14J	14	33.0±5%	2.5	2.5	85	25.6	3.30	300
1945-15J	15	39.0±5%	2.5	2.5	80	20.8	3.32	290
1945-16J	16	47.0±5%	2.5	2.5	80	17.6	3.70	275
1945-17J	17	56.0±5%	2.5	2.5	75	15.2	3.99	265
1945-18J	18	68.0±5%	2.5	2.5	75	12.8	4.48	250
1945-19J	19	82.0±5%	2.5	2.5	75	10.4	5.07	235
1945-20J	20	100±5%	2.5	1.5	75	8.00	5.78	220
1945-21J	21	120±5%	0.79	0.79	65	5.76	5.00	170
1945-22J	22	150±5%	0.79	0.79	65	5.36	5.80	164
1945-23J	23	180±5%	0.79	0.79	65	5.04	6.60	158
1945-24J	24	220±5%	0.79	0.79	65	4.72	7.40	155
1945-25J	25	270±5%	0.79	0.79	65	4.48	8.00	150
1945-26J	26	300±5%	0.79	0.79	65	4.24	8.60	145
1945-27J	27	330±5%	0.79	0.79	65	4.00	8.90	142
1945-28J	28	360±5%	0.79	0.79	65	3.76	9.60	137
1945-29J	29	390±5%	0.79	0.79	65	3.60	9.90	135
1945-30J	30	430±5%	0.79	0.79	65	3.44	10.4	131
1945-31J	31	470±5%	0.79	0.79	65	3.20	10.9	128
1945-32J	32	510±5%	0.79	0.79	65	3.04	11.6	124
1945-33J	33	560±5%	0.79	0.79	60	2.88	11.8	123
1945-34J	34	620±5%	0.79	0.79	60	2.80	12.5	120
1945-35J	35	680±5%	0.79	0.79	60	2.72	13.5	115
1945-36J	36	750±5%	0.79	0.79	60	2.64	14.0	113
1945-37J	37	820±5%	0.79	0.79	60	2.48	15.0	110
1945-38J	38	910±5%	0.79	0.79	60	2.40	15.5	107
1945-39J	39	1000±5%	0.79	0.79	60	2.24	16.5	104

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