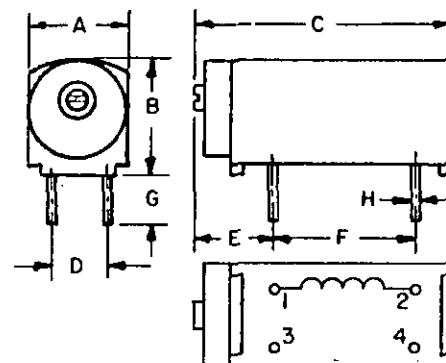


FED. SUP CLASS
5950

Ratings	
Style	LT10
Grade	1
Class	A
Operating temperature range	-55°C to +105°C
Ambient temperature	90°C max
Temperature rise	15°C max
Power dissipation	.130 watt max
Thermal conductance	8.6 mW/°C min
Dielectric withstanding voltages	
Sea level	1000 Vrms min
Reduced barometric pressure	200 Vrms min
Terminal pull	5 pounds min
Terminal twist	Not applicable
Tuning torque	3.5 in. oz. max
Stop torque	4.5 in. oz. max
Weight	3.0 grams max
Altitude	70,000 feet



Ltr	Dimensions in inches with metric equivalents (mm) in parentheses	
	Minimum	Maximum
A	.285(7.24)	.315 (8.00)
B	.320(8.13)	.340 (8.63)
C		.750(19.05)
D	.190(4.83)	.210 (5.33)
E		.260 (6.60)
F	.390(9.91)	.410(10.41)
G	.170(4.32)	.210 (5.33)
H	.023 (.58)	.027 (.69)

Ⓛ CANCEL AFTER 23 JANUARY 1981
NO SUPERCEDING DOCUMENT

Electrical characteristics (initial)										
Dash No. 1/	Type designation	Inductance tuning range			L & Q test frequency MHz	Minimum Q at		At L max minimum self resonant frequency MHz	Maximum DC resistance Ohms	Maximum rated DC current mA
		L nom μ H	L min μ H	L max μ H		L min	L max			
-1	LT10V125	.10	.085	.112	25	50	60	320	.030	1820
-2	LT10V126	.12	.100	.135	25	50	60	275	.035	1685
-3	LT10V127	.15	.125	.170	25	50	60	235	.040	1575
-4	LT10V128	.18	.150	.205	25	50	60	210	.045	1485
-5	LT10V129	.22	.190	.250	25	50	60	195	.050	1410
-6	LT10V130	.27	.215	.320	25	50	60	175	.055	1345
-7	LT10V131	.33	.265	.390	25	50	60	165	.065	1235
-8	LT10V132	.39	.310	.460	25	50	60	160	.075	1150
-9	LT10V133	.47	.375	.560	25	48	60	150	.080	1115
-10	LT10V134	.56	.450	.670	25	46	60	145	.085	1080
-11	LT10V135	.68	.550	.810	25	44	55	140	.090	1050
-12	LT10V136	.82	.615	1.00	25	42	50	135	.100	995
*-13	LT10V137	1.0	.750	1.25	25	40	45	130	.150	815
*-14	LT10V138	1.2	.900	1.50	7.9	33	37	100	.180	745
-15	LT10V139	1.5	1.12	1.88	7.9	33	37	94	.200	705
-16	LT10V140	1.8	1.35	2.25	7.9	33	37	88	.220	670
-17	LT10V141	2.2	1.65	2.75	7.9	33	37	82	.240	645
-18	LT10V142	2.7	2.02	3.38	7.9	33	37	75	.350	535
-19	LT10V143	3.3	2.48	4.13	7.9	33	37	68	.420	485
-20	LT10V144	3.9	2.92	4.88	7.9	33	37	62	.480	455

Ⓛ For changes see page 1

P.A. Air Force-85 Other Cust	International interest	TITLE COILS, RADIO FREQUENCY, MOLDED, VARIABLE, FERRITE CORE, TYPES LT10V125 TO LT10V173 INCL.	MILITARY STANDARD
Procurement Specification MIL-C-15305	SUPERSEDES:		MS 21364(USAF)
			PAGE 1 OF 1

This military standard is approved for use by Air Force - 85, Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

DD FORM 672 (LIMITED COORDINATION)
1 SEP 63

5950-F191

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