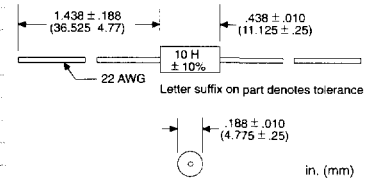


18 Molded RF Unshielded Inductors



PART NUMBER	MIL SPEC DESIGNATION	INDUCTANCE μ H	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
18M150M	MS75008-21	.15 \pm 20%	55	25.0	510	.030	3000
18M220M	MS75008-22	.22 \pm 20%	50	25.0	415	.035	2800
18M330M	MS75008-23	.33 \pm 20%	50	25.0	350	.065	2000
18M470M	MS75008-24	.47 \pm 20%	50	25.0	300	.085	1700
18M560K	MS75008-25	.56 \pm 10%	50	25.0	270	.125	1450
18M680K	MS75008-26	.68 \pm 10%	45	25.0	250	.150	1300
18M820K	MS75008-27	.82 \pm 10%	40	25.0	210	.205	1100
18M101K	MS75008-28	1.0 \pm 10%	40	25.0	200	.290	930
18M121K	MS75008-29	1.2 \pm 10%	30	7.9	180	.400	785
18M151K	MS75008-30	1.5 \pm 10%	30	7.9	170	.485	700
18M181K	MS75008-31	1.8 \pm 10%	30	7.9	150	.740	580
18M221K	MS75008-32	2.2 \pm 10%	30	7.9	140	.970	505
18M271K	MS75008-33	2.7 \pm 10%	30	7.9	120	1.200	460
18M331K	MS75101-1	3.3 \pm 10%	30	7.9	70	.140	990
18M391K	MS75101-2	3.9 \pm 10%	30	7.9	65	.155	870
18M471K	MS75101-3	4.7 \pm 10%	30	7.9	60	.210	745
18M561K	MS75101-4	5.6 \pm 10%	30	7.9	50	.280	645
18M681K	MS75101-5	6.8 \pm 10%	30	7.9	50	.375	560
18M821K	MS75101-6	8.2 \pm 10%	30	7.9	48	.440	540
18M102K	MS75101-7	10.0 \pm 10%	30	7.9	42	.605	440
18M122K	MS75101-8	12.0 \pm 10%	50	2.5	36	1.050	370
18M152K	MS75101-9	15.0 \pm 10%	55	2.5	30	1.200	310
18M182K	MS75101-10	18.0 \pm 10%	60	2.5	30	1.950	255
18M222K	MS75101-11	22.0 \pm 10%	60	2.5	24	2.200	240
18M272K	MS75101-12	27.0 \pm 10%	65	2.5	22	2.750	205



NOTES:

- Operating temperature Phenolic: -55°C to +125°C; Powdered Iron: -55°C to +105°C
- Laser marking is standard. Color band is optional.
- Optional tolerances available, consult factory

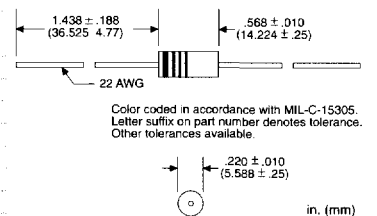
TAPE AND REEL SPECS:

PCS/12" Reel maximum: 2000
 Pitch between parts: .200 inches
 Inside tape spacing: 2.062 inches
 Class: I

21 Molded RF Unshielded Inductors



PART NUMBER	MIL SPEC DESIGNATION	INDUCTANCE \pm 10% μ H	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
21M470K	MS90542-1	.47	65	25.0	300	.06	1970
21M560K	MS90542-2	.56	65	25.0	270	.08	1850
21M680K	MS90542-3	.68	65	25.0	240	.08	1700
21M820K	MS90542-4	.82	65	25.0	220	.11	1520
21M101K	MS90542-5	1.00	65	25.0	200	.14	1290
21M121K	MS90542-6	1.20	40	7.9	180	.19	1120
21M151K	MS90542-7	1.50	40	7.9	160	.28	925
21M181K	MS90542-8	1.80	40	7.9	150	.37	790
21M221K	MS90542-9	2.20	40	7.9	135	.50	680
21M271K	MS90542-10	2.70	40	7.9	120	.65	600
21M331K	MS90542-11	3.30	40	7.9	105	1.00	480
21M391K	MS90542-12	3.90	40	7.9	100	1.20	440
21M471K	MS90542-13	4.70	40	7.9	90	1.80	360
21M561K	MS14052-1	5.60	35	7.9	55	.13	885
21M681K	MS14052-2	6.80	35	7.9	50	.20	710
21M821K	MS14052-3	8.20	35	7.9	44	.22	680
21M102K	MS14052-4	10.00	35	7.9	42	.26	625
21M122K	MS14052-5	12.00	45	2.5	34	.45	465
21M152K	MS14052-6	15.00	45	2.5	32	.52	442
21M182K	MS14052-7	18.00	50	2.5	28	.70	380
21M222K	MS14052-8	22.00	60	2.5	24	1.00	326
21M272K	MS14052-9	27.00	60	2.5	22	1.30	275
21M332K	MS14052-10	33.00	60	2.5	20	1.50	258
21M392K	MS14052-11	39.00	70	2.5	18	2.00	224



NOTES:

- Operating temperature Phenolic: -55°C to +125°C; Powdered Iron: -55°C to +105°C
- Optional tolerances available, consult factory

TAPE AND REEL SPECS:

PCS/12" Reel maximum: 1000
 Pitch between parts: .400 inches
 Inside tape spacing: 2.500 inches
 Class: II