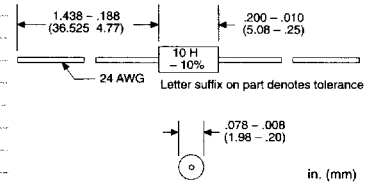


RF INDUCTORS - LEADED



8 Molded RF Unshielded Inductors

PART NUMBER	INDUCTANCE (±10%) μH	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
8M100K	.10	35	25	680	.13	895
8M120K	.12	35	25	650	.15	835
8M150K	.15	35	25	560	.18	760
8M180K	.18	35	25	540	.21	705
8M220K	.22	30	25	500	.25	645
8M270K	.27	30	25	440	.38	525
8M330K	.33	25	25	410	.49	460
8M390K	.39	25	25	380	.59	420
8M470K	.47	25	25	340	.62	410
8M560K	.56	40	25	250	.18	510
8M680K	.68	40	25	215	.20	485
8M820K	.82	40	25	200	.22	465
8M101K	1.0	40	25	190	.25	435
8M121K	1.2	35	7.9	170	.28	410
8M151K	1.5	40	7.9	150	.49	310
8M181K	1.8	40	7.9	135	.56	290
8M221K	2.2	45	7.9	130	.72	257
8M271K	2.7	45	7.9	110	.85	236
8M331K	3.3	45	7.9	100	1.2	198
8M391K	3.9	50	7.9	95	1.5	178
8M471K	4.7	55	7.9	88	2.1	150
8M561K	5.6	55	7.9	78	2.8	130
8M681K	6.8	55	7.9	69	3.2	122
8M821K	8.2	45	7.9	52	4.4	104
8M102K	10.	45	7.9	47	5.2	95
8M122K	12.	40	2.5	31	3.0	126
8M152K	15.	40	2.5	26	3.4	118
8M182K	18.	40	2.5	23	3.8	112
8M222K	22.	45	2.5	20	4.3	105
8M272K	27.	45	2.5	17	4.7	100
8M332K	33.	45	2.5	15	5.2	95
8M392K	39.	45	2.5	13.5	6.8	83.5
8M472K	47.	45	2.5	12.5	8.2	76
8M562K	56.	45	2.5	11.5	10.0	69
8M682K	68.	45	2.5	10.5	11.5	64
8M822K	82.	45	2.5	10.0	16.0	54.5
8M103K	100.	45	2.5	9.5	17.5	52
8M123K	120.	35	.79	8.9	16.0	54.5
8M153K	150.	35	.79	7.9	18.0	51
8M183K	180.	35	.79	7.5	20.0	49
8M223K	220.	35	.79	7.1	26.5	42.5
8M273K	270.	35	.79	6.6	30.5	39



NOTES:

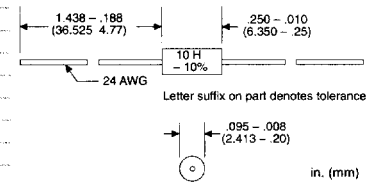
- Operating temperature Phenolic: -55°C to +125°C; Powdered Iron & Ferrite: -55°C to +105°C
- Laser marking is standard. Color band is optional.
- Optional tolerances available, consult factory

TAPE AND REEL SPECS:

PCS/12" Reel maximum:	5000
Pitch between parts:	.200 inches
Inside tape spacing:	2.062 inches
Class:	I

10 Molded RF Unshielded Inductors

PART NUMBER	MIL SPEC DESIGNATION	INDUCTANCE μH	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
10M100K	75083-1	.10 ± 10%	40	25	680	.08	1350
10M110J		.11 ± 5%	40	25	660	.085	1309
10M120K	75083-2	.12 ± 10%	40	25	640	.09	1270
10M130J		.13 ± 5%	38	25	625	.095	1239
10M150K	75083-3	.15 ± 10%	38	25	600	.10	1200
10M160J		.16 ± 5%	35	25	580	.11	1151
10M180K	75083-4	.18 ± 10%	35	25	550	.12	1105
10M200J		.20 ± 5%	33	25	530	.13	1059
10M220K	75083-5	.22 ± 10%	33	25	510	.14	1025
10M240J		.24 ± 5%	33	25	475	.15	986
10M270K	75083-6	.27 ± 10%	33	25	430	.16	960
10M300J		.30 ± 5%	30	25	420	.19	876
10M330K	75083-7	.33 ± 10%	30	25	410	.22	815
10M360J		.36 ± 5%	30	25	385	.26	749
10M390K	75083-8	.39 ± 10%	30	25	365	.30	700
10M430J		.43 ± 5%	30	25	345	.325	670
10M470K	75083-9	.47 ± 10%	30	25	330	.35	650
10M510J		.51 ± 5%	30	25	310	.42	589
10M560K	75083-10	.56 ± 10%	30	25	300	.50	545
10M620J		.62 ± 5%	28	25	290	.55	515
10M680K	75083-11	.68 ± 10%	28	25	275	.60	495
10M750J		.75 ± 5%	28	25	265	.71	453
10M820K	75083-12	.82 ± 10%	28	25	250	.85	415
10M910J		.91 ± 5%	25	25	240	.925	397



NOTES:

- Operating temperature Phenolic: -55°C to +125°C; Powdered Iron & Ferrite: -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:	3500
Pitch between parts:	.200 inches
Inside tape spacing:	2.062 inches
Class:	I



RF INDUCTORS - LEADED

10 - continued

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
10M101K	75083-13	1.0 \pm 10%	25	25	230	1.00	385
10M111J		1.1 \pm 5%	25	7.9	165	.17	607
10M121K	75084-1	1.2 \pm 10%	25	7.9	150	.18	590
10M131J		1.3 \pm 5%	28	7.9	145	.20	560
10M151K	75084-2	1.5 \pm 10%	28	7.9	140	.22	535
10M161J		1.6 \pm 5%	30	7.9	135	.25	501
10M181K	75084-3	1.8 \pm 10%	30	7.9	125	.30	455
10M201J		2.0 \pm 5%	30	7.9	120	.35	425
10M221K	75084-4	2.2 \pm 10%	30	7.9	115	.40	395
10M241J		2.4 \pm 5%	37	7.9	109	.46	380
10M271K	75084-5	2.7 \pm 10%	37	7.9	100	.55	355
10M301J		3.0 \pm 5%	45	7.9	95	.70	299
10M331K	75084-6	3.3 \pm 10%	45	7.9	90	.85	270
10M361J		3.6 \pm 5%	45	7.9	85	.925	260
10M391K	75084-7	3.9 \pm 10%	45	7.9	80	1.00	250
10M431J		4.3 \pm 5%	45	7.9	77	1.10	240
10M471K	75084-8	4.7 \pm 10%	45	7.9	75	1.20	230
10M511J		5.1 \pm 5%	50	7.9	69	1.47	216
10M561K	75084-9	5.6 \pm 10%	50	7.9	65	1.80	185
10M621J		6.2 \pm 5%	50	7.9	62	1.90	180
10M681K	75084-10	6.8 \pm 10%	50	7.9	60	2.00	180
10M751J		7.5 \pm 5%	50	7.9	57	2.35	165
10M821K	75084-11	8.2 \pm 10%	55	7.9	55	2.70	155
10M911J		9.1 \pm 5%	55	7.9	52	3.00	145
10M102K	75084-12	10 \pm 10%	55	7.9	50	3.70	130
10M112J		11 \pm 5%	45	2.5	45	2.60	156
10M122K	75084-13	12 \pm 10%	45	2.5	40	2.70	155
10M132J		13 \pm 5%	45	2.5	38	2.80	150
10M152K	75084-14	15 \pm 10%	45	2.5	35	2.80	150
10M162J		16 \pm 5%	45	2.5	33	2.90	147
10M182K	75084-15	18 \pm 10%	50	2.5	30	3.10	145
10M202J		20 \pm 5%	50	2.5	27.5	3.20	142
10M222K	75084-16	22 \pm 10%	50	2.5	25	3.30	140
10M242J		24 \pm 5%	50	2.5	23	3.40	137
10M272K	75084-17	27 \pm 10%	50	2.5	20	3.50	135
10M302J		30 \pm 5%	45	2.5	22	3.30	132
10M332K	75085-1	33 \pm 10%	45	2.5	24	3.40	130
10M362J		36 \pm 5%	45	2.5	23	3.50	127
10M392K	75085-2	39 \pm 10%	45	2.5	22	3.60	125
10M432J		43 \pm 5%	45	2.5	21	4.10	116
10M472K	75085-3	47 \pm 10%	45	2.5	20	4.50	110
10M512J		51 \pm 5%	45	2.5	19	5.00	105
10M562K	75085-4	56 \pm 10%	45	2.5	18	5.70	100
10M622J		62 \pm 5%	50	2.5	16.5	6.20	94
10M682K	75085-5	68 \pm 10%	50	2.5	15	6.70	92
10M752J		75 \pm 5%	50	2.5	14.5	7.0	89
10M822K	75085-6	82 \pm 10%	50	2.5	14	7.3	88
10M912J		91 \pm 5%	50	2.5	13.5	7.7	85
10M103K	75085-7	100 \pm 10%	50	2.5	13	8.0	84
10M113J		110 \pm 5%	30	.79	12.5	11.0	71
10M123K	75085-8	120 \pm 10%	30	.79	12	13	66
10M133J		130 \pm 5%	30	.79	11.5	14	63
10M153K	75085-9	150 \pm 10%	30	.79	11	15	61
10M163J		160 \pm 5%	30	.79	10.5	16	59
10M183K	75085-10	180 \pm 10%	30	.79	10	17	57
10M203J		200 \pm 5%	30	.79	9.5	19	54
10M223K	75085-11	220 \pm 10%	30	.79	9	21	52
10M243J		240 \pm 5%	30	.79	8.5	23	49
10M273K	75085-12	270 \pm 10%	30	.79	8	25	47
10M303J		300 \pm 5%	30	.79	7.5	27	46
10M333K	75085-13	330 \pm 10%	30	.79	7	28	45
10M363J		360 \pm 5%	30	.79	6.75	32	41
10M393K	75085-14	390 \pm 10%	30	.79	6.5	35	40
10M433J		430 \pm 5%	30	.79	6.25	39	37
10M473K	75085-15	470 \pm 10%	30	.79	6	42	36
10M513J		510 \pm 5%	30	.79	5.5	44	35
10M563K	75085-16	560 \pm 10%	30	.79	5	46	35
10M623J		620 \pm 5%	30	.79	4.6	53	32
10M683K	75085-17	680 \pm 10%	30	.79	4	60	30
10M753J		750 \pm 5%	30	.79	4	63	29
10M823K	75085-18	820 \pm 10%	30	.79	3.8	65	29
10M913J		910 \pm 5%	30	.79	3.6	69	28
10M104K	75085-19	1000 \pm 10%	30	.79	3.4	72	28