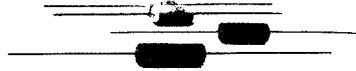
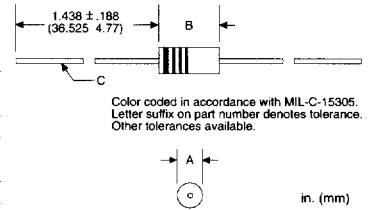


# RF INDUCTORS - LEADED

## 19, 22, 24 Molded RF Unshielded Inductors



PART NUMBER	MIL SPEC DESIGNATION	INDUCTANCE ± 5% μH	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
<b>Series 19</b>							
19M273J	MS90539-1	270	65	.79	5.6	8.2	110
19M303J	MS90539-2	300	65	.79	5.3	8.7	107
19M333J	MS90539-3	330	65	.79	5.0	9.1	105
19M363J	MS90539-4	360	65	.79	4.7	9.6	102
19M393J	MS90539-5	390	65	.79	4.5	10.0	100
19M433J	MS90539-6	430	65	.79	4.3	10.6	97
19M473J	MS90539-7	470	65	.79	4.0	11.1	95
19M513J	MS90539-8	510	65	.79	3.8	11.6	93
19M563J	MS90539-9	560	65	.79	3.6	12.3	91
19M623J	MS90539-10	620	60	.79	3.5	13.0	88
19M683J	MS90539-11	680	60	.79	3.4	13.7	85
19M753J	MS90539-12	750	60	.79	3.3	14.4	83
19M823J	MS90539-13	820	60	.79	3.1	15.1	81
19M913J	MS90539-14	910	60	.79	2.9	15.8	79
19M104J	MS90539-15	1000	60	.79	2.8	16.5	78
<b>Series 22</b>							
22M114J	MS90540-1	1100	60	.25	2.8	21.0	78
22M124J	MS90540-2	1200	60	.25	2.7	22.0	76
22M134J	MS90540-3	1300	60	.25	2.6	23.0	75
22M154J	MS90540-4	1500	65	.25	2.4	25.0	72
22M164J	MS90540-5	1600	65	.25	2.3	26.0	70
22M184J	MS90540-6	1800	65	.25	2.2	28.0	68
22M204J	MS90540-7	2000	65	.25	2.1	29.0	67
22M224J	MS90540-8	2200	70	.25	2.0	30.0	66
22M244J	MS90540-9	2400	70	.25	1.9	31.0	64
22M274J	MS90540-10	2700	70	.25	1.8	33.0	62
22M304J	MS90540-11	3000	70	.25	1.7	35.0	61
22M334J	MS90540-12	3300	70	.25	1.6	38.0	58
22M364J	MS90540-13	3600	70	.25	1.5	40.0	57
<b>Series 24</b>							
24M394J	MS90541-1	3900	80	.25	1.45	44.0	61
24M434J	MS90541-2	4300	80	.25	1.40	46.0	59
24M474J	MS90541-3	4700	80	.25	1.35	48.0	58
24M504J	MS90541-4	5000	80	.25	1.30	50.0	57
24M564J	MS90541-5	5600	80	.25	1.25	53.0	56
24M624J	MS90541-6	6200	80	.25	1.20	56.0	54
24M684J	MS90541-7	6800	80	.25	1.15	59.0	52
24M754J	MS90541-8	7500	80	.25	1.10	62.0	51
24M824J	MS90541-9	8200	80	.25	1.05	65.0	50
24M914J	MS90541-10	9100	80	.25	1.00	68.0	49
24M105J	MS90541-11	10000	80	.25	.95	72.0	47



SERIES	A - .010	B - .010	C
19	.190	.440	22 AWG
22	.215	.560	22 AWG
24	.240	.740	20 AWG

### NOTES:

- Operating temperature -55°C to +105°C
- Laser marking is standard on Series 19. Color band is optional.
- Optional tolerances available, consult factory

### TAPE AND REEL SPECS - Series 19:

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

### TAPE AND REEL SPECS - Series 22:

PCS/12" Reel maximum: 2000  
Pitch between parts: .200 inches  
Inside tape spacing: 2.500 inches  
Class: II

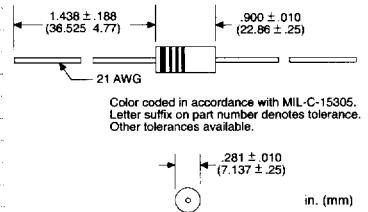
### TAPE AND REEL SPECS - Series 24:

PCS/12" Reel maximum: 2000  
Pitch between parts: .200 inches  
Inside tape spacing: 2.500 inches  
Class: II

## 28 Molded RF Unshielded Inductors



PART NUMBER	MIL SPEC DESIGNATION	INDUCTANCE ± 10% μH	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	RATED DC CURRENT mA
28M121K	MS91189-14	1.2	60	7.9	170	.075	2400
28M151K	MS91189-15	1.5	60	7.9	160	.090	2150
28M181K	MS91189-16	1.8	60	7.9	140	.135	1750
28M221K	MS91189-17	2.2	60	7.9	125	.160	1600
28M271K	MS91189-18	2.7	60	7.9	115	.220	1350
28M331K	MS91189-19	3.3	60	7.9	100	.305	1150
28M391K	MS91189-20	3.9	60	7.9	95	.450	955
28M471K	MS91189-21	4.7	60	7.9	90	.560	860
28M561K	MS91189-22	5.6	60	7.9	80	.745	745
28M681K	MS91189-23	6.8	60	7.9	75	1.050	635
28M821K	MS91189-24	8.2	60	7.9	68	1.400	550
28M102K	MS91189-25	10.0	60	7.9	60	1.900	460
28M122K	MS91189-26	12.0	40	2.5	53	2.650	395
28M152K	MS91189-27	15.0	40	2.5	50	3.250	355
28M182K	MS91189-28	18.0	40	2.5	45	4.150	315
28M222K	MS75103-1	22.0	50	2.5	24	.295	725
28M272K	MS75103-2	27.0	45	2.5	22	.350	660
28M332K	MS75103-3	33.0	60	2.5	19	.550	525
28M392K	MS75103-4	39.0	55	2.5	18	.650	485
28M472K	MS75103-5	47.0	65	2.5	16	1.000	390
28M562K	MS75103-6	56.0	65	2.5	14	1.150	360
28M682K	MS75103-7	68.0	75	2.5	13	1.850	285
28M822K	MS75103-8	82.0	75	2.5	12	2.100	265
28M103K	MS75103-9	100.0	75	2.5	12	2.500	245
28M123K	MS75103-10	120.0	95	.790	10	4.100	195



### 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: .4200 inches  
Inside tape spacing: 2.500 inches  
Class: II