



M SERIES

M Series air coil inductors are high frequency inductors which have use in numerous military and commercial microwave communications and radar applications. These devices also serve in a variety of test instrumentation applications.

Piconics part number	Length Nom inches	L nH +/- 10%	Test Freq MHz	Q Min	SRF Min GHz	DCR Max Ohms	Idc Max ma
M 2T47	.004	10.4	200	25	28	.20	100
M 3T47	.005	14.1	200	26	25	.23	100
M 5T47	.010	24	200	29	15	.29	100
M 8T47	.014	39	100	23	14	.38	100
M 10T47	.017	50	100	23	13	.46	100
M 15T47	.026	80	100	24	11	.61	100
M 20T47	.034	116	100	25	8	.76	100
M 25T47	.043	146	25	17	6	.91	100
M 30T47	.050	178	25	17	6	1.1	100
M 35T47	.060	213	25	17	5	1.3	100
M 40T47	.068	240	25	17	4	1.4	100
M 45T47	.077	282	25	17	3	1.6	100
M 50T47	.085	320	25	17	3	1.8	100
M 55T47	.095	343	25	17	2	1.9	100
M 60T47	.102	388	25	17	2	2.0	100
M 65T47	.112	415	25	17	2	2.2	100
M 70T47	.120	450	25	17	1	2.3	100
M 75T47	.128	485	25	17	1	2.5	100
M 80T47	.136	530	25	17	1	2.7	100
M 85T47	.145	565	25	17	1	2.9	100
M 90T47	.153	615	25	17	1	3.0	100
M 95T47	.162	651	25	17	1	3.2	100
M100T47	.170	700	25	17	1	3.4	100

□ **PHYSICAL CHARACTERISTICS:**

- Air Core
- Self-Leaded
- Thermo-Compression Bondable
- Recommended operating and Storage Temperature Range: 55° C to + 125° C

