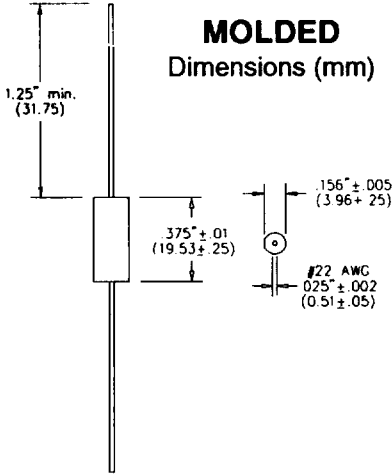


Molded AXIAL INDUCTORS 1537M Series



Operating Temperature Range	-55°C to +105°C
Ambient Temperature	+90°C
Dielectric Withstanding Voltage (sea level)	1000 VRMS
Standard Inductance Tolerance	±20% @ .15µh to .47µh
	±10% @ .56µh to 33µh
	±5% @ 36µh to 1800µh
Packaging	bulk, or tape and reel
Commercial Equivalents to	MIL-C15305, MS14046, MS18130

Part Number	L (µH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr. max(mA)	Part Number	L (µH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr. max(mA)
1537MR15M	.15	50	25	525	.03	2450	1537M680K	68	55	2.5	11	3.3	156
1537MR22M	.22	50	25	450	.055	1810	1537M750K	75	55	2.5	10.5	3.7	147
1537MR33M	.33	45	25	360	.09	1400	1537M820K	82	50	2.5	10.3	3.9	143
1537MR47M	.47	45	25	310	.12	1225	1537M910K	91	50	2.5	10	4.3	136
1537MR56K	.56	50	25	280	.135	1150	1537M101K	100	50	2.5	9.5	4.5	133
1537MR68K	.68	50	25	250	.15	1100	1537M111K	110	60	.79	8.9	4.9	128
1537MR82K	.82	50	25	220	.22	900	1537M121K	120	65	.79	8.7	5.2	124
1537M1R0K	1.0	50	25	200	.29	785	1537M131K	130	65	.79	8.5	5.45	121
1537M1R2K	1.2	33	7.9	180	.42	650	1537M151K	150	65	.79	8.0	6.05	114
1537M1R5K	1.5	33	7.9	160	.50	600	1537M161K	160	65	.79	7.5	6.4	111
1537M1R8K	1.8	33	7.9	150	.65	525	1537M181K	180	65	.79	7.0	6.75	108
1537M2R2K	2.2	33	7.9	135	.95	435	1537M201K	200	65	.79	6.5	7.1	106
1537M2R7K	2.7	33	7.9	120	1.2	385	1537M221K	220	65	.79	6.2	7.45	103
1537M3R3K	3.3	33	7.9	110	2.0	300	1537M241K	240	65	.79	5.9	7.8	101
1537M3R9K	3.9	33	7.9	100	2.3	280	1537M271K	270	65	.79	5.7	11.0	129
1537M4R7K	4.7	33	7.9	90	2.6	260	1537M301K	300	65	.79	5.4	11.5	125
1537M5R6K	5.6	45	7.9	60	.32	495	1537M331K	330	65	.79	5.1	12.0	123
1537M6R8K	6.8	50	7.9	55	.50	395	1537M361K	360	65	.79	4.8	15.5	108
1537M8R2K	8.2	50	7.9	50	.60	360	1537M391K	390	65	.79	4.5	16.3	105
1537M100K	10	55	7.9	45	.90	290	1537M431K	430	65	.79	4.2	17.1	102
1537M120K	12	65	2.5	42	1.1	265	1537M471K	470	65	.79	3.9	17.9	100
1537M150K	15	65	2.5	40	1.4	240	1537M511K	510	65	.79	3.7	18.8	98
1537M180K	18	75	2.5	34	2.25	185	1537M561K	560	65	.79	3.5	24.7	85
1537M200K	20	75	2.5	34	2.3	182	1537M621K	620	65	.79	3.3	25.9	83
1537M220K	22	75	2.5	30	2.5	175	1537M681K	680	55	.79	3.1	27.2	81
1537M240K	24	60	2.5	27	2.2	190	1537M751K	750	55	.79	2.9	28.6	79
1537M270K	27	60	2.5	25	2.6	170	1537M821K	820	55	.79	2.7	30.0	77
1537M300K	30	70	2.5	20	2.8	167	1537M911K	910	55	.79	2.5	31.5	76
1537M330K	33	65	2.5	19	3.0	165	1537M102K	1000	55	.79	2.3	33.1	74
1537M360K	36	60	2.5	15.5	2.5	180	1537M112K	1100	30	.25	2.1	43.5	64
1537M390K	39	60	2.5	14.5	2.6	176	1537M122K	1200	30	.25	2.0	45.7	63
1537M430K	43	60	2.5	13.7	2.7	172	1537M132K	1300	30	.25	1.9	49.0	61
1537M470K	47	55	2.5	13	2.75	170	1537M152K	1500	30	.25	1.8	52.5	59
1537M510K	51	55	2.5	12.7	2.85	167	1537M162K	1600	30	.25	1.7	54.0	58
1537M560K	56	55	2.5	12	3.0	164	1537M182K	1800	30	.25	1.6	56.7	56
1537M620K	62	55	2.5	11.5	3.15	160							

Letter suffix on part number denotes tolerance:

- M = ±20%
- K = ±10%
- J = ±5%

All specifications subject to change without notice

125 Columbia, Suite B - Aliso Viejo, California 92656
(714) 448-7070 • FAX (714) 448-8484