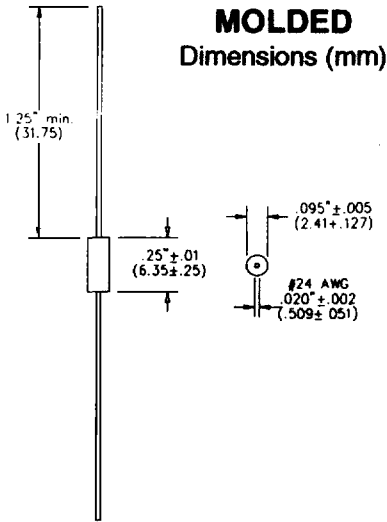


Molded
AXIAL INDUCTORS
1025M Series



STANDARD SPECIFICATIONS

Operating Temperature Range	-55°C to +105°C
Ambient Temperature	90°C
Current Rating	based on temperature rise, not to exceed 35°C
Dielectric Withstanding Voltage (sea level)	1000 VRMS
Standard Inductance Tolerance	±10% across inductance range
Packaging	bulk, or tape and reel
Commercial Equivalents to	MIL-C15305, MS75083, MS75084, MS75085

PART NUMBER GUIDE

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)
1025MR10K	.10	40	25	680	.08	1350	1025M120K	12	45	2.5	40	2.7	155
1025MR12K	.12	40	25	640	.09	1270	1025M150K	15	40	2.5	35	2.8	150
1025MR15K	.15	38	25	600	.10	1200	1025M180K	18	50	2.5	30	3.1	145
1025MR18K	.18	35	25	550	.12	1105	1025M220K	22	50	2.5	25	3.3	140
1025MR22K	.22	33	25	510	.14	1025	1025M270K	27	50	2.5	20	3.5	135
1025MR27K	.27	33	25	430	.16	960	1025M330K	33	45	2.5	24	3.4	130
1025MR33K	.33	30	25	410	.22	815	1025M390K	39	45	2.5	22	3.6	125
1025MR39K	.39	30	25	365	.30	700	1025M470K	47	45	2.5	20	4.5	110
1025MR47K	.47	30	25	330	.35	650	1025M560K	56	45	2.5	18	5.7	100
1025MR56K	.56	30	25	300	.50	545	1025M680K	68	50	2.5	15	6.7	92
1025MR68K	.68	28	25	275	.60	495	1025M820K	82	50	2.5	14	7.3	88
1025MR82K	.82	28	25	250	.85	415	1025M101K	100	50	2.5	13	8.0	84
1025M1R0K	1.0	25	25	230	1.0	385	1025M121K	120	30	.79	12	13.0	66
1025M1R2K	1.2	25	7.9	150	.18	590	1025M151K	150	30	.79	11	15.0	61
1025M1R5K	1.5	28	7.9	140	.22	535	1025M181K	180	30	.79	10	17.0	57
1025M1R8K	1.8	30	7.9	125	.30	455	1025M221K	220	30	.79	9.0	21.0	52
1025M2R2K	2.2	30	7.9	115	.40	395	1025M271K	270	30	.79	8.0	25.0	47
1025M2R7K	2.7	37	7.9	100	.55	355	1025M331K	330	30	.79	7.0	28.0	45
1025M3R3K	3.3	45	7.9	90	.85	270	1025M391K	390	30	.79	6.5	35.0	40
1025M3R9K	3.9	45	7.9	80	1.0	250	1025M471K	470	30	.79	6.0	42.0	36
1025M4R7K	4.7	45	7.9	75	1.2	230	1025M561K	560	30	.79	5.0	46.0	35
1025M5R6K	5.6	50	7.9	65	1.8	185	1025M681K	680	30	.79	4.0	60.0	30
1025M6R8K	6.8	50	7.9	60	2.0	175	1025M821K	820	30	.79	3.8	65.0	29
1025M8R2K	8.2	55	7.9	55	2.7	155	1025M102K	1000	30	.79	3.4	72.0	28
1025M100K	10	55	7.9	50	3.7	130							

Letter suffix on part number denotes tolerance: M = ±20%
K = ±10%
J = ±5%

All specifications subject to change without notice

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