



Notes for LM2 molded inductor:

Testing: Inductance and Q measured with Q meter HP4342A at specified frequency. DCR measured with milliohm meter. SRF measured on HP4191A impedance analyzer.

Marking: EIA 5-band color code.

Packaging: Bulk or Tape & Reel, Reel Size = 2,500 pieces.

Operating Temperature Range: - 55°C ~ + 125°C.

Rated Current: Based on the inductance change within 10% of the initial value.

Inductance Tolerance: K = ± 10% over the entire inductance range,

J = ± 5% tolerance available by special order.

Manufactured to RoHS Compliance.

PART NUMBER	INDUCTANCE [μH, ± 10%]	Q MINIMUM	TEST FREQUENCY [MHz]	SELF-RESONANT FREQUENCY MINIMUM [MHz]	DC RESISTANCE OHMS MAXIMUM []	RATED DC CURRENT MAX [mA]
LM2-R10K	0.10	50	25	520	0.020	2780
LM2-R12K	0.12	50	25	525	0.025	2740
LM2-R15K	0.15	50	25	525	0.030	2740
LM2-R22K	0.22	50	25	450	0.055	2020
LM2-R33K	0.33	45	25	360	0.090	1580
LM2-R39K	0.39	45	25	330	0.110	1420
LM2-R47K	0.47	45	25	310	0.120	1370
LM2-R56K	0.56	50	25	280	0.135	1290
LM2-R68K	0.68	50	25	250	0.15	1220
LM2-R82K	0.82	50	25	220	0.22	1020
LM2-1R0K	1.0	50	25	200	0.29	880
LM2-1R2K	1.2	33	7.9	180	0.42	730
LM2-1R5K	1.5	33	7.9	160	0.50	670
LM2-1R8K	1.8	33	7.9	150	0.65	590
LM2-2R2K	2.2	33	7.9	135	0.95	485
LM2-2R7K	2.7	33	7.9	120	1.20	430
LM2-3R3K	3.3	33	7.9	110	2.00	335
LM2-3R9K	3.9	33	7.9	100	2.30	310
LM2-4R7K	4.7	33	7.9	90	2.60	294
LM2-5R6K	5.6	45	7.9	60	0.32	565
LM2-6R8K	6.8	50	7.9	55	0.50	450
LM2-8R2K	8.2	50	7.9	50	0.60	410
LM2-100K	10	55	7.9	45	0.90	335
LM2-120K	12	65	2.5	42	1.10	305
LM2-150K	15	65	2.5	40	1.40	271
LM2-180K	18	75	2.5	34	2.25	213
LM2-220K	22	75	2.5	30	2.50	202
LM2-240K	24	60	2.5	26	2.50	202
LM2-270K	27	60	2.5	25	2.60	198
LM2-300K	30	65	2.5	21	2.80	191
LM2-330K	33	65	2.5	19	3.00	185
LM2-360K	36	60	2.5	15.5	2.50	202
LM2-390K	39	60	2.5	14.5	2.60	198
LM2-430K	43	60	2.5	13.7	2.70	194
LM2-470K	47	55	2.5	13.0	2.75	193
LM2-510K	51	55	2.5	12.7	2.85	189
LM2-560K	56	55	2.5	12.0	3.00	184
LM2-620K	62	55	2.5	11.5	3.15	180
LM2-680K	68	55	2.5	11.0	3.30	176
LM2-750K	75	55	2.5	10.5	3.70	166
LM2-820K	82	50	2.5	10.3	3.90	162
LM2-910K	91	50	2.5	10.0	4.30	154



PART NUMBER	INDUCTANCE [μ H, \pm 10%]	Q MINIMUM	TEST FREQUENCY [MHz]	SELF-RESONANT FREQUENCY MINIMUM [MHz]	DC RESISTANCE OHMS MAXIMUM []	RATED DC CURRENT MAX [mA]
LM2-101K	100	50	2.5	9.5	4.50	151
LM2-111K	110	60	0.79	8.9	4.90	144
LM2-121K	120	65	0.79	8.7	5.20	140
LM2-131K	130	65	0.79	8.5	5.45	137
LM2-151K	150	65	0.79	8.0	6.05	130
LM2-161K	160	65	0.79	7.5	6.40	126
LM2-181K	180	65	0.79	8.0	6.05	130
LM2-201K	200	65	0.79	6.5	7.10	123
LM2-221K	220	65	0.79	6.2	7.45	117
LM2-241K	240	65	0.79	5.9	7.80	115
LM2-271K	270	65	0.79	5.7	11.00	143
LM2-301K	300	65	0.79	5.4	11.50	140
LM2-331K	330	65	0.79	5.1	12.00	136
LM2-361K	360	65	0.79	4.8	12.50	134
LM2-391K	390	65	0.79	4.5	16.30	117
LM2-431K	430	65	0.79	4.2	17.10	115
LM2-471K	470	65	0.79	3.9	17.90	112
LM2-511K	510	65	0.79	3.7	18.80	109
LM2-561K	560	65	0.79	3.8	19.50	107
LM2-621K	620	65	0.79	3.3	25.90	93
LM2-681K	680	65	0.79	3.1	27.20	91
LM2-751K	750	65	0.79	2.9	28.60	88
LM2-821K	820	65	0.79	2.7	30.00	86
LM2-911K	910	65	0.79	2.5	31.50	84
LM2-102K	1000	65	0.79	2.3	33.00	82