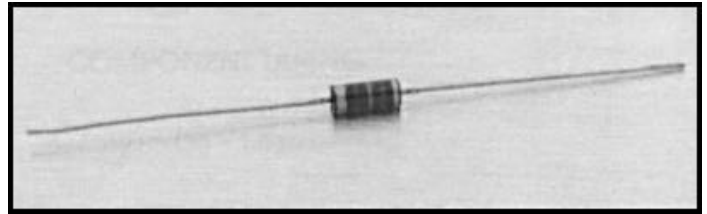
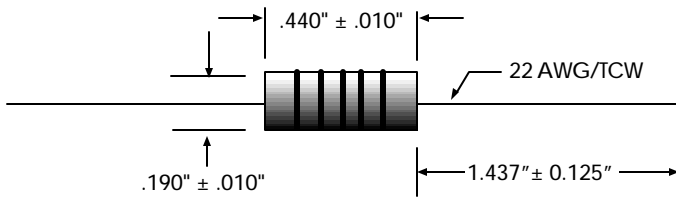


Molded Inductor LM3



Reliable subminiature inductors for your high-density applications. A convenient package without a sacrifice in electrical quality.

TESTING MIL-C-15305.

MARKING Color Banded.

PACKAGING Bulk or Tape and Reel.

INDUCTANCES 0.15 μ H to 1,000 μ H

OPERATING TEMPERATURE RANGE -55°C to +125°C

AMBIENT TEMPERATURE +90°C

INDUCTANCE TOLERANCE \pm 20% from 0.15 μ H to 0.47 μ H; \pm 10% from 0.56 μ H to 27 μ H; \pm 5% from 30 μ H to 1,000 μ H.

PART NUMBER	INDUCTANCE (μ H)	TEST FREQUENCY (MHz)	Q MINIMUM	SELF RESONANT FREQUENCY TYPICAL (MHz)	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAX (mA)
LM3-R15	.15	50	25	510	.030	3050
LM3-R22	.22	50	25	415	.035	2800
LM3-R33	.33	50	25	350	.065	2000
LM3-R47	.47	50	25	300	.085	1700
LM3-R56	.56	50	25	270	.125	1450
LM3-R68	.68	45	25	250	.150	1300
LM3-R82	.82	40	25	210	.205	1100
LM3-1R0	1.0	40	25	200	.290	930
LM3-1R2	1.2	30	7.9	180	.400	785
LM3-1R5	1.5	30	7.9	170	.485	700
LM3-1R8	1.8	30	7.9	150	0.740	550
LM3-2R2	2.2	30	7.9	140	0.970	505
LM3-2R7	2.7	30	7.9	120	1.200	460
LM3-3R3	3.3	30	7.9	70	0.140	990
LM3-3R9	3.9	30	7.9	65	0.155	870
LM3-4R7	4.7	30	7.9	60	0.210	745
LM3-5R6	5.6	30	7.9	50	0.280	645
LM3-6R8	6.8	30	7.9	50	0.375	560
LM3-8R2	8.2	30	7.9	48	0.440	540
LM3-100	10	30	7.9	42	0.605	440
LM3-120	12	50	2.5	36	1.050	370
LM3-150	15	55	2.5	30	1.200	310
LM3-180	18	60	2.5	30	1.950	255
LM3-220	22	60	2.5	24	2.200	240
LM3-270	27	65	2.5	22	2.750	205
LM3-300	30	55	2.5	29	2.1	310
LM3-330	33	55	2.5	18	2.3	300
LM3-360	36	55	2.5	17	2.4	290
LM3-390	39	55	2.5	16	2.5	285
LM3-430	43	55	2.5	15	3.0	260
LM3-470	47	55	2.5	14	3.4	245
LM3-510	51	55	2.5	14	3.7	235
LM3-560	56	45	2.5	14	4.1	225
LM3-620	62	45	2.5	12	4.2	220
LM3-680	68	45	2.5	11	4.2	220
LM3-750	75	45	2.5	10	4.2	220
LM3-820	82	45	2.5	9.3	4.4	215
LM3-910	91	45	2.5	9.1	4.7	210
LM3-101	100	45	2.5	8.3	4.9	205
LM3-111	110	60	.79	7.5	5.1	200
LM3-121	120	60	.79	7.3	5.4	195
LM3-131	130	60	.79	6.5	5.7	190
LM3-151	150	60	.79	6.2	8.2	180
LM3-161	160	60	.79	6.0	6.6	175
LM3-181	180	60	.79	5.7	7.1	170
LM3-201	200	60	.79	5.5	7.5	165
LM3-221	220	60	.79	5.2	.79	160
LM3-241	240	60	.79	5.0	8.3	155
LM3-271	270	65	.79	5.6	8.2	110
LM3-301	300	65	.79	5.3	8.7	107
LM3-331	330	65	.79	5.0	9.1	105
LM3-361	360	65	.79	4.7	9.6	102
LM3-391	390	65	.79	4.5	10.0	100
LM3-431	430	65	.79	4.3	10.5	97
LM3-471	470	65	.79	4.0	11.1	95
LM3-501	500	65	.79	3.9	11.4	94
LM3-511	510	65	.79	3.8	11.5	93
LM3-561	560	65	.79	3.6	12.3	91
LM3-621	620	60	.79	3.5	13.0	88
LM3-681	680	60	.79	3.4	13.7	85
LM3-751	750	60	.79	3.3	14.4	83
LM3-821	820	60	.79	3.1	15.1	81
LM3-911	910	60	.79	2.9	15.8	79
LM3-102	1000	60	.79	2.8	16.5	78