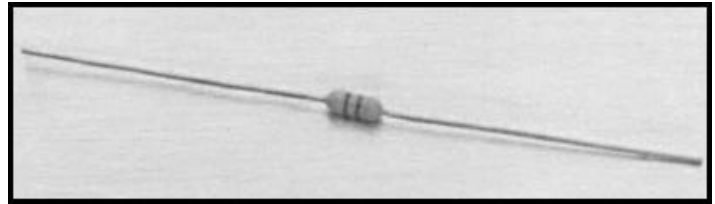
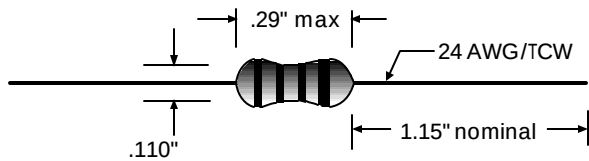


Conformal Coated Inductors LD1



These axial-leaded inductors have a uniform, conformal coating which makes them ideal for automatic insertion.

INDUCTANCES .10 μ H to 1,000 μ H

OPERATING TEMPERATURE RANGE -55°C to +105°C.

CURRENT RATING Based on 0.25 watt power dissipation.

INDUCTANCE TOLERANCE $\pm 10\%$ over entire inductance range.
Tolerances of 5% available by special order.

DIELECTRIC WITHSTANDING VOLTAGE 1,000 Vrms, Sea Level.

TERMINAL PULL 5lbs.

TESTING Inductance and Q measured with Q meter HP4342A at specified frequency. DCR measured with Milliohm meter. SRF measured on HP4191A.

MARKING 4 bands EIA color code.

PACKAGING Bulk or Tape and Reel.

PART NUMBER	INDUCTANCE $\mu\text{H} \pm 10\%$	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAX (mA)
LD1-R10K	.10	40	25.0	680.0	.08	1380
LD1-R12K	.12	40	25.0	640.0	.09	1300
LD1-R15K	.15	38	25.0	600.0	.10	1230
LD1-R18K	.18	35	25.0	550.0	.12	1120
LD1-R22K	.22	33	25.0	510.0	.14	1040
LD1-R27K	.27	33	25.0	430.0	.16	975
LD1-R33K	.33	30	25.0	410.0	.22	830
LD1-R39K	.39	30	25.0	365.0	.30	710
LD1-R47K	.47	30	25.0	330.0	.35	660
LD1-R56K	.56	30	25.0	300.0	.50	550
LD1-R68K	.68	28	25.0	275.0	.60	500
LD1-R82K	.82	28	25.0	250.0	.85	420
LD1-1R0K	1.0	25	25.0	230.0	1.00	390
LD1-1R2K	1.2	25	7.9	150.0	.18	620
LD1-1R5K	1.5	28	7.9	140.0	.22	560
LD1-1R8K	1.8	30	7.9	125.0	.30	480
LD1-2R2K	2.2	30	7.9	115.0	.40	415
LD1-2R7K	2.7	37	7.9	100.0	.55	355
LD1-3R3K	3.3	45	7.9	90.0	.85	285
LD1-3R9K	3.9	45	7.9	80.0	1.00	263
LD1-4R7K	4.7	45	7.9	75.0	1.20	239
LD1-5R6K	5.6	50	7.9	65.0	1.80	195
LD1-6R8K	6.8	50	7.9	60.0	2.00	185
LD1-8R2K	8.2	55	7.9	55.0	2.70	160
LD1-100K	10	55	7.9	50.0	3.30	144
LD1-120K	12	45	2.5	40.0	2.70	160
LD1-150K	15	45	2.5	35.0	2.80	157
LD1-180K	18	50	2.5	30.0	3.10	149
LD1-220K	22	50	2.5	25.0	3.30	144
LD1-270K	27	50	2.5	20.0	3.50	140
LD1-330K	33	45	2.5	24.0	3.40	130
LD1-390K	39	45	2.5	22.0	3.60	125
LD1-470K	47	45	2.5	20.0	4.50	110
LD1-560K	56	45	2.5	18.0	5.70	100
LD1-680K	68	50	2.5	15.0	6.70	92
LD1-820K	82	50	2.5	14.0	7.30	88
LD1-101K	100	50	2.5	13.0	8.00	84
LD1-121K	120	30	.79	12.0	13.00	66
LD1-151K	150	30	.79	11.0	15.00	61
LD1-181K	180	30	.79	10.0	17.00	57
LD1-221K	220	30	.79	9.0	21.00	52
LD1-271K	270	30	.79	8.0	25.00	47
LD1-331K	330	30	.79	7.0	28.00	45
LD1-391K	390	30	.79	6.5	35.00	40
LD1-471K	470	30	.79	6.0	42.00	36
LD1-561K	560	30	.79	5.0	46.00	35
LD1-681K	680	30	.79	4.2	60.00	30
LD1-821K	820	30	.79	3.8	65.00	29
LD1-102K	1000	30	.79	3.4	72.00	28