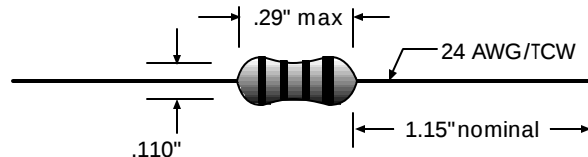
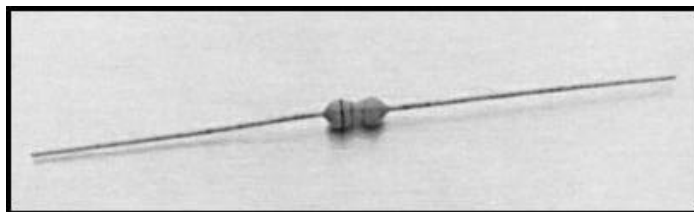


LD2 Conformal Coated Inductors



These axial-leaded inductors are conformal coated with an epoxy material, making them more durable than a laquer coated models. They are cost effective and compact – ideal for automatic insertion.

INDUCTANCES 0.10 μ H to 1,000 μ H

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

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

CURRENT RATING Based on 0.25 watt power dissipation.

MARKING 4-Band Color Code.

INDUCTANCE TOLERANCE $\pm 10\%$ over entire inductance range. (Special values and tighter tolerances available upon request.)

PACKAGING Bulk or Tape and Reel.

PART NUMBER	INDUCTANCE μ H $\pm 10\%$	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE OHMS MAXIMUM (W)	RATED CURRENT MAXIMUM (mA)
LD2-R10K	.10	35	25.00	380.00	.075	1150
LD2-R12K	.12	35	25.00	380.00	.075	1150
LD2-R15K	.15	35	25.00	380.00	.075	1150
LD2-R18K	.18	35	25.00	380.00	.075	1150
LD2-R22K	.22	35	25.00	380.00	.075	1150
LD2-R27K	.27	35	25.00	360.00	.080	1110
LD2-R33K	.33	35	25.00	350.00	.080	1110
LD2-R39K	.39	35	25.00	320.00	.090	1000
LD2-R47K	.47	40	25.00	300.00	.100	1000
LD2-R56K	.56	40	25.00	280.00	.110	950
LD2-R68K	.68	40	25.00	250.00	.120	900
LD2-R82K	.82	40	25.00	200.00	.120	900
LD2-1R0K	1.0	50	25.00	180.00	.150	815
LD2-1R2K	1.2	50	7.90	165.00	.180	740
LD2-1R5K	1.5	50	7.90	150.00	.200	700
LD2-1R8K	1.8	50	7.90	125.00	.230	655
LD2-2R2K	2.2	50	7.90	110.00	.250	630
LD2-2R7K	2.7	50	7.90	95.00	.280	595
LD2-3R3K	3.3	50	7.90	70.00	.300	575
LD2-3R9K	3.9	50	7.90	65.00	.320	555
LD2-4R7K	4.7	50	7.90	50.00	.350	530
LD2-5R6K	5.6	50	7.90	40.00	.400	500
LD2-6R8K	6.8	50	7.90	30.00	.450	470
LD2-8R2K	8.2	50	7.90	28.00	.550	425
LD2-100K	10	50	7.90	22.00	.720	370
LD2-120K	12	50	2.50	20.00	.800	350
LD2-150K	15	50	2.50	16.00	.880	335
LD2-180K	18	50	2.50	15.00	1.000	315
LD2-220K	22	50	2.50	13.00	1.200	285
LD2-270K	27	50	2.50	11.00	1.350	270
LD2-330K	33	50	2.50	10.00	1.500	255
LD2-390K	39	50	2.50	9.50	1.700	240
LD2-470K	47	50	2.50	8.50	2.300	205
LD2-560K	56	50	2.50	7.50	2.600	195
LD2-680K	68	50	2.50	6.50	2.900	185
LD2-820K	82	50	2.50	6.00	3.200	175
LD2-101K	100	50	2.50	5.50	3.500	165
LD2-121K	120	50	.79	5.40	3.800	160
LD2-151K	150	50	.79	4.75	4.400	150
LD2-181K	180	50	.79	4.35	5.000	140
LD2-221K	220	50	.79	4.00	5.700	130
LD2-271K	270	50	.79	3.70	6.500	120
LD2-331K	330	50	.79	3.40	9.500	100
LD2-391K	390	50	.79	2.80	10.500	95
LD2-471K	470	50	.79	2.55	11.600	90
LD2-561K	560	50	.79	2.35	13.000	85
LD2-681K	680	50	.79	2.00	18.000	75
LD2-821K	820	50	.79	1.50	23.000	65
LD2-102K	1000	50	.79	1.20	26.000	60