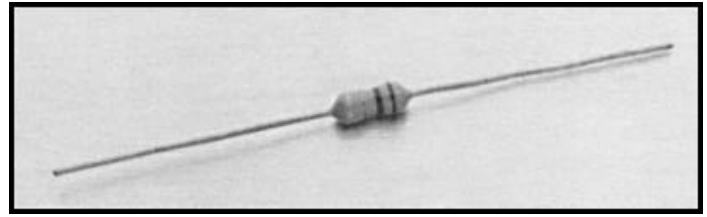
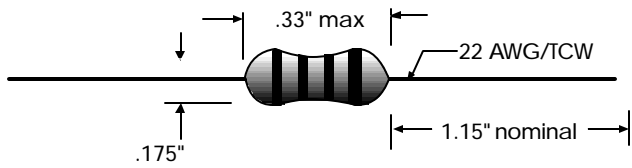


Conformal Coated Inductors LD3



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 0.22 μ H to 1,000 μ H

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

CURRENT RATING Based on 0.33 watt power dissipation.

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

TESTING Inductance and Q measured with Q meter HP4342A at specified frequency. DCR measured with Milliohm meter. SRF measured on 159 Grid Dip meter.

MARKING 4 bands EIA color code

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)
LD3-R22K	.22	25	25.00	380.00	.21	880
LD3-R27K	.27	25	25.00	340.00	.24	800
LD3-R33K	.33	25	25.00	300.00	.28	750
LD3-R39K	.39	25	25.00	200.00	.32	680
LD3-R47K	.47	25	25.00	250.00	.36	650
LD3-R56K	.56	25	25.00	230.00	.41	600
LD3-R68K	.68	25	25.00	210.00	.47	550
LD3-R82K	.82	45	25.00	172.00	.17	980
LD3-1R0K	1.0	45	25.00	157.00	.19	920
LD3-1R2K	1.2	50	7.90	144.00	.21	880
LD3-1R5K	1.5	50	7.90	131.00	.23	830
LD3-1R8K	1.8	55	7.90	121.00	.25	790
LD3-2R2K	2.2	55	7.90	110.00	.28	750
LD3-2R7K	2.7	60	7.90	100.00	.30	720
LD3-3R3K	3.3	65	7.90	94.00	.34	670
LD3-3R9K	3.9	65	7.90	86.00	.37	640
LD3-4R7K	4.7	70	7.90	80.00	.39	620
LD3-5R6K	5.6	70	7.90	74.00	.43	590
LD3-6R8K	6.8	75	7.90	68.00	.48	550
LD3-8R2K	8.2	80	7.90	53.00	.52	530
LD3-100K	10	85	7.90	45.00	.58	500
LD3-120K	12	75	2.50	34.00	.63	480
LD3-150K	15	70	2.50	20.00	.72	460
LD3-180K	18	65	2.50	14.00	.77	430
LD3-220K	22	60	2.50	9.90	.84	410
LD3-270K	27	55	2.50	7.60	.94	390
LD3-330K	33	55	2.50	6.30	1.03	370
LD3-390K	39	50	2.50	6.30	1.12	350
LD3-470K	47	45	2.50	6.30	1.22	340
LD3-560K	56	40	2.50	6.20	1.34	320
LD3-680K	68	40	2.50	5.70	1.47	305
LD3-820K	82	35	2.50	5.30	1.62	290
LD3-101K	100	30	2.50	4.80	1.80	275
LD3-121K	120	70	.79	3.80	3.70	185
LD3-151K	150	70	.79	3.50	4.20	175
LD3-181K	180	70	.79	3.30	4.60	165
LD3-221K	220	70	.79	3.00	5.10	155
LD3-271K	270	65	.79	2.80	5.80	145
LD3-331K	330	65	.79	2.60	6.40	137
LD3-391K	390	65	.79	2.40	7.00	133
LD3-471K	470	60	.79	2.25	7.70	126
LD3-561K	560	60	.79	2.10	8.50	120
LD3-681K	680	55	.79	1.95	9.40	113
LD3-821K	820	55	.79	1.85	10.50	100
LD3-102K	1000	50	.79	1.40	14.00	100