



Notes for LD2 conformal coated inductor:
 Rated Current: Based on the inductance change within 10% of the initial value.
 Operating Temperature Range: - 55°C ~ + 125°C.
 Inductance Tolerance: K = ± 10% over the entire inductance range,
 J = ± 5% tolerance available by special order.
 Marking: EIA 4-band color code.

Testing: Inductance and Q measured with Q meter HP4342A at specified frequency. DCR Measured with milliohm meter. SRF measured on HP4191A impedance analyzer.
 Packaging: Bulk or Tape & Reel, Reel Size = 5,000 pieces.
 Manufactured to RoHS Compliance.

PART NUMBER	INDUCTANCE [μH ± 10%]	TEST FREQUENCY [MHz]	Q MINIMUM	SRF MINIMUM [MHz]	DC RESISTANCE OHMS MAX []	RATED DC CURRENT MAX [mA]
LD2-R10K	.10	25	40	400	.06	1360
LD2-R12K	.12	25	40	400	.06	1280
LD2-R15K	.15	25	40	400	.07	1200
LD2-R16K	.18	25	40	400	.07	1120
LD2-R22K	.22	25	40	400	.08	1120
LD2-R27K	.27	25	40	360	.08	1110
LD2-R33K	.33	25	40	350	.08	1110
LD2-R39K	.39	25	40	320	.09	1000
LD2-R47K	.47	25	40	300	.10	1000
LD2-R56K	.56	25	40	280	.11	950
LD2-R68K	.68	25	40	250	.12	900
LD2-R82K	.82	25	40	200	.12	900
LD2-1R0K	1.0	25	40	180	.15	815
LD2-1R2K	1.2	7.9	45	165	.18	740
LD2-1R5K	1.5	7.9	45	150	.20	700
LD2-1R8K	1.8	7.9	50	125	.23	655
LD2-2R2K	2.2	7.9	50	110	.25	630
LD2-2R7K	2.7	7.9	50	96	.28	595
LD2-3R3K	3.3	7.9	50	70	.30	575
LD2-3R9K	3.9	7.9	45	65	.32	555
LD2-4R7K	4.7	7.9	45	50	.35	530
LD2-5R6K	5.6	7.9	45	40	.40	500
LD2-6R8K	6.8	7.9	40	30	.45	470
LD2-8R2K	8.2	7.9	50	28	.55	425
LD2-100K	10	7.9	40	22	.72	370
LD2-120K	12	2.5	45	20	.80	350
LD2-150K	15	2.5	50	16	.88	335
LD2-180K	18	2.5	50	15	1.0	315
LD2-220K	22	2.5	50	13	1.2	285
LD2-270K	27	2.5	50	11	1.35	270
LD2-330K	33	2.5	50	10	1.5	255
LD2-390K	39	2.5	50	9.50	1.7	240
LD2-470K	47	2.5	60	8.50	2.3	205
LD2-560K	56	2.5	60	7.50	2.6	195
LD2-680K	68	2.5	60	6.50	2.9	185
LD2-820K	82	2.5	60	6.00	3.2	175
LD2-101K	100	2.5	60	5.50	3.5	165
LD2-121K	120	.79	60	5.40	3.8	160
LD2-151K	150	.79	60	4.75	4.4	150
LD2-181K	180	.79	60	4.35	5.0	140
LD2-221K	220	.79	60	4.00	5.7	130
LD2-271K	270	.79	60	3.70	6.5	120
LD2-331K	330	.79	60	3.40	9.5	100
LD2-391K	390	.79	60	2.80	10.5	95
LD2-471K	470	.79	60	2.55	11.6	90
LD2-561K	560	.79	60	2.35	13	85
LD2-681K	680	.79	60	2.00	18	75
LD2-821K	820	.79	60	1.50	23	65
LD2-102K	1000	.79	60	1.20	26	60