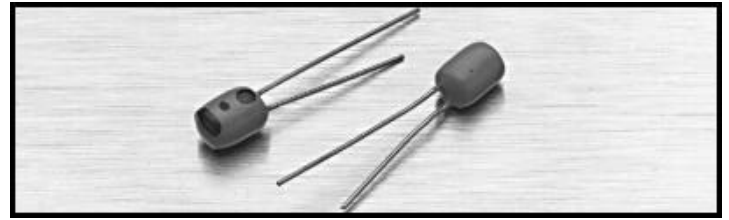
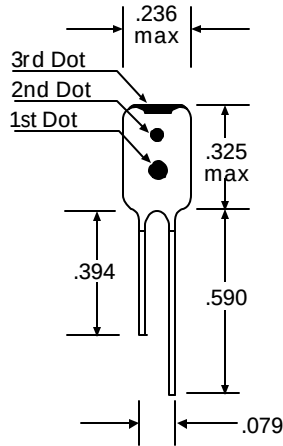


Multi-Layer Chip Inductor LDR0608



FEATURES

- Radial leaded
- Epoxy Coated
- Supplied in bulk and T/R

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

CURRENT RATING Based on 0.25 watt power dissipation.

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 and Reel.

Notes:

- (1) Inductance and Q to be measured on HP4342A Q meter or equivalent.
- (2) Maximum Operating Temperature: -45°C to 125°C.
- (3) Marking: Color code per EIA; 4 bands.
- (4) Rated Current: based on current level when L is less than 10% from it's initial reading.
- (5) Dielectric Withstanding: 500Vrms.

PART NUMBER	INDUCTANCE μH	TOLERANCE ± %	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY (MHz)	DC RESISTANCE OHMS MAXIMUM (Ω)	IDC MAXIMUM (mA)
LDR0608-1R0M	1.0	20	60	7.960	105.0	0.10	1030
LDR0608-1R2M	1.2	20	60	7.960	90.0	0.15	980
LDR0608-1R5M	1.5	20	60	7.960	75.0	0.20	920
LDR0608-1R8M	1.8	20	60	7.960	70.0	0.22	880
LDR0608-2R2M	2.2	20	60	7.960	65.0	0.24	830
LDR0608-2R7M	2.7	20	60	7.960	60.0	.027	790
LDR0608-3R3M	3.3	20	60	7.960	50.0	0.30	750
LDR0608-3R9M	3.9	20	60	7.960	45.0	0.30	720
LDR0608-4R7M	4.7	20	60	7.960	40.0	0.35	670
LDR0608-5R6K	5.6	10	60	7.960	35.0	0.35	640
LDR0608-6R8K	6.8	10	60	7.960	30.0	0.40	620
LDR0608-8R2K	8.2	10	60	7.960	25.0	0.40	590
LDR0608-100K	10.0	10	60	2.520	20.0	0.45	550
LDR0608-120K	12.0	10	60	2.520	15.0	0.50	530
LDR0608-150K	15.0	10	60	2.520	13.0	1.55	500
LDR0608-180K	18.0	10	60	2.520	11.0	0.60	480
LDR0608-220K	22.0	10	60	2.520	10.0	0.65	460
LDR0608-270K	27.0	10	50	2.520	9.0	0.75	430
LDR0608-330K	33.0	10	50	2.520	8.0	0.85	410
LDR0608-390K	39.0	10	50	2.520	7.5	0.90	390
LDR0608-470K	47.0	10	50	2.520	7.0	1.00	370
LDR0608-560K	56.0	10	50	2.520	6.5	1.20	350
LDR0608-680K	68.0	10	50	2.520	6.0	1.30	340
LDR0608-820K	82.0	10	50	2.520	5.5	1.50	320
LDR0608-101K	100.0	10	50	0.796	5.0	1.70	305
LDR0608-121K	120.0	10	50	0.796	4.8	1.90	290
LDR0608-151K	150.0	10	50	0.796	4.4	2.10	275
LDR0608-181K	180.0	10	50	0.796	4.2	2.30	185
LDR0608-221K	220.0	10	45	0.796	3.8	2.50	175
LDR0608-271K	270.0	10	45	0.796	3.6	2.75	165
LDR0608-331K	330.0	10	45	0.796	3.3	4.68	155
LDR0608-391K	390.0	10	45	0.796	3.0	6.00	145
LDR0608-471K	470.0	10	55	0.796	2.8	6.50	140
LDR0608-561K	560.0	10	55	0.796	2.4	8.50	135
LDR0608-681K	680.0	10	55	0.796	2.2	9.00	125
LDR0608-821K	820.0	10	55	0.796	2.0	9.60	120
LDR0608-102K	1000.0	10	55	0.252	1.8	11.50	100