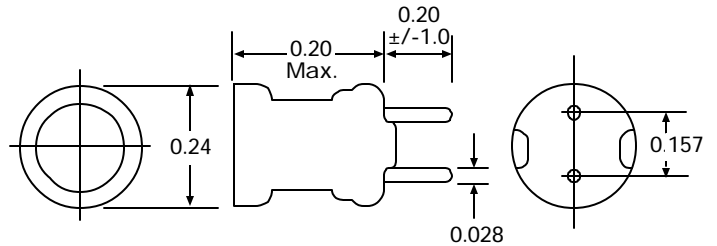
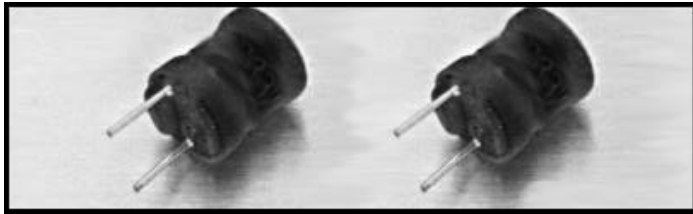


# RL54 Radial Leaded R.F.



**MARKING** Inductance value

**PACKAGING** Bulk or Tape and Reel

**INDUCTANCES** 22 $\mu$ H to 1,000  $\mu$ H

**OPERATING TEMPERATURE RANGE** -55°C to +125°C

**CURRENT RATING** Based on maximum of 10% drop from initial value.

**Notes:**

- (1) Inductance Range measured on HP4342A Q-meter.
- (2) Inductance Range: 100 $\mu$ H - 1.000  $\mu$ H measured on GenRad 1658 Digi-Bridge.
- (3) Rated DC tested at 1kHz, I<sub>dc</sub> is the minimum current at which the inductance will be decreased by 10% from its initial (zero-DC) value because of saturation.
- (4) DCR measured with GenRad 1658 Digi-Bridge.

PART NUMBER	INDUCTANCE ( $\mu$ h y)	TEST FREQUENCY (Mhz)	SELF RESONANT FREQUENCY MINIMUM (Mhz)	DC RESISTANCE OHMS MAXIMUM ( $\Omega$ )	RATED DC CURRENT MAX (mA)
RL54-220K	22	2.52	24	.18	900
RL54-270K	27	2.52	23	.21	810
RL54-330K	33	2.52	19	.27	740
RL54-390K	39	2.52	18	.29	680
RL54-470K	47	2.52	16	.34	620
RL54-560K	56	2.52	15	.42	570
RL54-680K	68	2.52	14	.48	510
RL54-820K	82	2.52	12	.55	470
(Khz)					
RL54-101K	100	1	11	.68	420
RL54-121K	120	1	10	.77	390
RL54-151K	150	1	9.2	.95	350
RL54-181K	180	1	7.4	1.15	320
RL54-221K	220	1	6.8	1.30	290
RL54-271K	270	1	6.3	1.55	260
RL54-331K	330	1	5.9	2.18	230
RL54-391K	390	1	5.4	2.47	210
RL54-471K	470	1	5.0	2.92	200
RL54-561K	560	1	4.4	3.97	180
RL54-681K	680	1	4.0	4.57	160
RL54-821K	820	1	3.7	5.28	150
RL54-102K	1000	1	3.3	7.06	130