



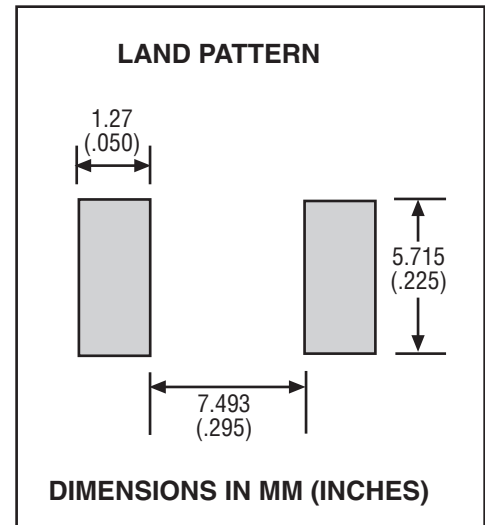
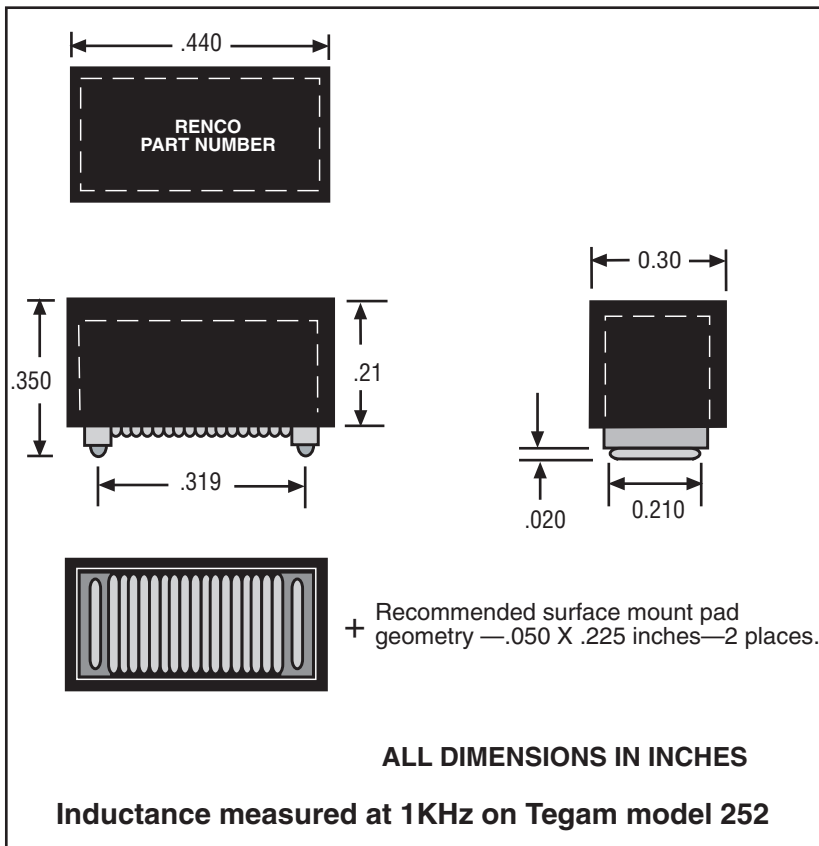
# RL-1500

## SURFACE MOUNT INDUCTORS



The RL-1500 Series offers over 45 standard inductive values covering a range of 1.0 $\mu$ H to 6.8mH with rated currents of up to 1.8 Amps AC. They are ideal for surface mount assemblies using vapor phase or infrared soldering. This series uses a nonconductive high volume resistivity, low loss ferrite material.

The square shaped encapsulation cover and flat top make this component highly suitable for automated pick and place assembly. All units come packed in magazine tubes for easy loading and unloading.



Available in bulk and/or 450 piece tape and reel.



### RECO ELECTRONICS, INC.

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(321) 637-1000 • Toll Free Engineering Hot line 800-645-5828

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<b>RL-1500</b> Renco Part No.	Inductance @1KHz ( $\mu$ H) $\pm 10\%$	Max. DCR (Ohms)	AC Rated Current Amps	DC Saturation Current (Typical) Amps * (5% L drop)	DC Saturation Current (Typical) Amps † (10% L drop)
RL-1500-1.0	1.0	0.012	1.8	16.2	18.2
RL-1500-1.2	1.2	0.013	1.8	15.3	17.1
RL-1500-1.5	1.5	0.014	1.8	14.4	16.2
RL-1500-1.8	1.8	0.015	1.8	9.0	13.5
RL-1500-2.2	2.2	0.022	1.4	8.6	10.8
RL-1500-2.7	2.7	0.032	1.2	8.1	9.9
RL-1500-3.3	3.3	0.034	1.2	7.7	8.1
RL-1500-3.9	3.9	0.065	0.70	6.5	7.2
RL-1500-4.7	4.7	0.068	0.70	5.5	6.5
RL-1500-5.6	5.6	0.073	0.70	5.2	6.2
RL-1500-6.8	6.8	0.077	0.70	5.0	6.0
RL-1500-8.2	8.2	0.081	0.70	4.8	5.9
RL-1500-10	10.0	0.103	0.70	4.7	5.4
RL-1500-12	12.0	0.107	0.70	4.4	4.8
RL-1500-15	15.0	0.112	0.70	4.1	4.5
RL-1500-18	18.0	0.125	0.70	3.8	4.3
RL-1500-22	22.0	0.167	0.60	3.0	3.2
RL-1500-27	27.0	0.218	0.50	2.6	2.9
RL-1500-33	33.0	0.308	0.30	2.4	2.7
RL-1500-39	39.0	0.340	0.30	2.3	2.5
RL-1500-47	47.0	0.370	0.30	2.1	2.3
RL-1500-56	56.0	0.409	0.30	1.9	2.2
RL-1500-68	68.0	0.449	0.30	1.8	2.0
RL-1500-82	82.0	0.488	0.30	1.7	1.9
RL-1500-100	100.0	0.961	0.20	1.6	1.8
RL-1500-120	120.0	1.03	0.20	1.4	1.7
RL-1500-150	150.0	1.08	0.20	1.4	1.6
RL-1500-180	180.0	1.19	0.20	1.3	1.4
RL-1500-220	220.0	1.25	0.20	1.2	1.4
RL-1500-270	270.0	1.56	0.15	1.1	1.3
RL-1500-330	330.0	1.80	0.15	1.0	1.2
RL-1500-390	390.0	2.62	0.12	0.9	1.1
RL-1500-470	470.0	2.88	0.12	0.81	0.90
RL-1500-560	560.0	3.83	0.10	0.72	0.81
RL-1500-680	680.0	4.20	0.10	0.58	0.70
RL-1500-820	820.0	4.53	0.10	0.54	0.63
RL-1500-1000	1000.0	4.79	0.10	0.52	0.61
RL-1500-1200	1200.0	6.34	0.075	0.49	0.56
RL-1500-1500	1500.0	7.30	0.075	0.46	0.49
RL-1500-1800	1800.0	11.22	0.060	0.43	0.47
RL-1500-2200	2200.0	12.41	0.060	0.38	0.43
RL-1500-2700	2700.0	16.10	0.060	0.28	0.31
RL-1500-3300	3300.0	18.35	0.060	0.26	0.29
RL-1500-3900	3900.0	24.82	0.060	0.25	0.28
RL-1500-4700	4700.0	25.48	0.030	0.23	0.26
RL-1500-5600	5600.0	31.83	0.030	0.21	0.23
RL-1500-6800	6800.0	36.90	0.030	0.19	0.21

**NOTES:**

\* Saturation current for 5% decrease in inductance value.

† Saturation current for 10% decrease in inductance value.

Tolerance for values from 1 $\mu$ H to 10 $\mu$ H are  $\pm 20\%$ . All other values are  $\pm 10\%$ .



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