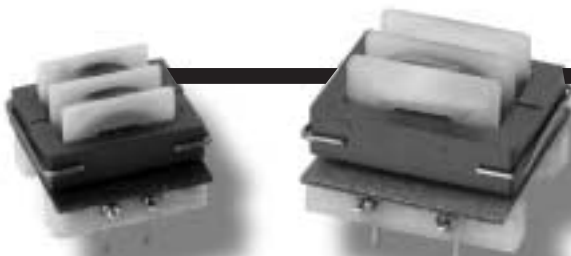




RL-1361

COMMON MODE CHOKES

EE CORE DESIGN



Renco Common Mode Chokes are designed to help meet U.S. and International requirements for safety and EMI. By placing these chokes at the inputs of electrical equipment or circuits EMI feedback can be kept within specified limits. These low priced Common Mode Chokes are available in a wide range of standard inductances and current ratings from 100mA to 5.5Amps.

The PC mounting makes them easy to incorporate in equipment.

Application:

Under normal operating conditions, power supplied through the Common Mode Choke is balanced. When the equipment in which the choke is utilized generates electrical noise due to operation of relays, triacs, SCRs, etc., these transient noise pulses cause an imbalance in the power line current. Since the coils of the Common Mode Choke are out of phase with each other, noise being fed back to the power level and does not interfere with other equipment operating on the same power line.

Special Features:

- Low Profile
- Varnish Impregnated
- MTL Used Class B 130°C
- Nonlisted Values Available
- MIL Spec. and Encapsulation Available

Specifications:

- Windings balanced within 1%
- @ +80°C ambient, +40°C rise
- -55°C to +130°C operating temperature
- 2000 VAC Hipot winding to winding
- 1500 VAC Hipot winding to core
- All specifications measured @ +20°C
- Inductance values: $\pm 25\%$ @ 1KHz



RENCO ELECTRONICS, INC.

595 International Place, Rockledge, FL 32955-4200 USA

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

SINCE 1955



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Web Site: www.rencousa.com



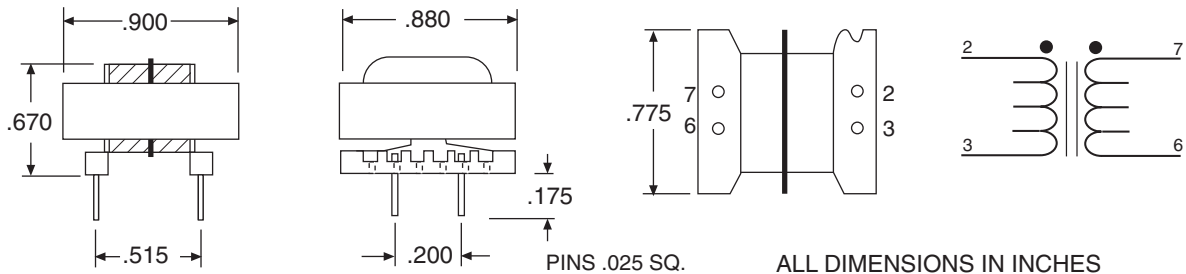
E-mail: sales@rencousa.com

RL-1361-1				
Renco Part No.	L @ 1KC (μH)*	Max. DCR* (Ohms)	Suggested Rated Current (Amps)	Leakage L Max. (μH)†
RL-1361-1-47	47	.016	3.5	4.0
RL-1361-1-56	56	.018	3.5	4.0
RL-1361-1-68	68	.019	3.5	5.0
RL-1361-1-82	82	.023	2.8	5.5
RL-1361-1-100	100	.025	2.8	6.0
RL-1361-1-120	120	.028	2.8	6.5
RL-1361-1-150	150	.030	2.8	7.5
RL-1361-1-180	180	.038	2.2	8.0
RL-1361-1-220	220	.044	2.2	9.0
RL-1361-1-270	270	.051	2.2	10.0
RL-1361-1-330	330	.058	1.7	11.0
RL-1361-1-470	470	.078	1.4	16.0
RL-1361-1-560	560	.091	1.4	18.0
RL-1361-1-680	680	.115	1.1	20.0
RL-1361-1-820	820	.131	1.1	25.0
RL-1361-1-1000	1000	.194	.88	35.0
RL-1361-1-1200	1200	.219	.88	47.0
RL-1361-1-1500	1500	.278	.70	49.0
RL-1361-1-1800	1800	.306	.70	59.0
RL-1361-1-2200	2200	.431	.55	76.0
RL-1361-1-2700	2700	.469	.55	91
RL-1361-1-3300	3300	.531	.55	101
RL-1361-1-3900	3900	.669	.44	135
RL-1361-1-4700	4700	.760	.44	158
RL-1361-1-5600	5600	.853	.44	196
RL-1361-1-6800	6800	1.24	.35	257
RL-1361-1-8200	8200	1.40	.35	296
RL-1361-1-10000	10000	1.61	.35	362
RL-1361-1-12000	12000	1.98	.27	410
RL-1361-1-15000	15000	2.24	.27	503
RL-1361-1-18000	18000	2.45	.27	602
RL-1361-1-22000	22000	3.49	.22	730
RL-1361-1-27000	27000	4.60	.17	870
RL-1361-1-33000	33000	5.21	.17	1150
RL-1361-1-39000	39000	7.19	.13	1300
RL-1361-1-47000	47000	7.80	.13	1541
RL-1361-1-56000	56000	8.69	.13	1875
RL-1361-1-68000	68000	9.69	.13	2254
RL-1361-1-82000	82000	13.1	.10	2702
RL-1361-1-100000	100000	14.6	.10	3289
RL-1361-1-120000	120000	16.0	.10	3456

NOTES:

* Measured between 2 and 3 or 6 and 7.

† Measured with 2 and 3 shorted or 6 and 7 shorted.



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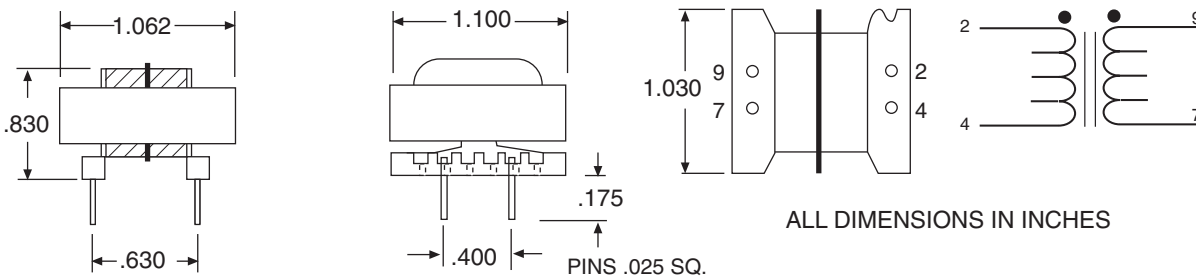
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RL-1361-2				
Renco Part No.	L @ 1KHz (μ H)*	Max. DCR* (Ohms)	Suggested Rated Current (Amps)	Leakage L Max. (μ H)†
RL-1361-2-56	56	.013	5.5	3.5
RL-1361-2-68	68	.013	5.5	3.5
RL-1361-2-82	82	.013	5.5	3.5
RL-1361-2-100	100	.013	5.5	3.5
RL-1361-2-120	120	.015	5.5	4.8
RL-1361-2-150	150	.016	5.5	6.5
RL-1361-2-180	180	.019	4.5	7.2
RL-1361-2-220	220	.023	4.5	7.75
RL-1361-2-270	270	.026	4.5	9.5
RL-1361-2-330	330	.028	3.5	12.5
RL-1361-2-470	470	.033	3.5	14.0
RL-1361-2-560	560	.038	3.5	18.0
RL-1361-2-680	680	.040	3.5	23.0
RL-1361-2-820	820	.063	2.8	26.0
RL-1361-2-1000	1000	.068	2.8	35.0
RL-1361-2-1200	1200	.099	2.2	40.0
RL-1361-2-1500	1500	.115	1.7	43.0
RL-1361-2-1800	1800	.131	1.7	54.0
RL-1361-2-2200	2200	.174	1.4	61.5
RL-1361-2-2700	2700	.188	1.4	118.0
RL-1361-2-3300	3300	.331	1.1	135
RL-1361-2-3900	3900	.438	1.1	155
RL-1361-2-4700	4700	.500	.88	168
RL-1361-2-5600	5600	.525	.88	216
RL-1361-2-6800	6800	.625	.88	246
RL-1361-2-8200	8200	.813	.88	257
RL-1361-2-10000	10000	.875	.70	293
RL-1361-2-12000	12000	.938	.70	370
RL-1361-2-15000	15000	1.1	.70	435
RL-1361-2-18000	18000	1.5	.55	514
RL-1361-2-22000	22000	1.9	.55	527
RL-1361-2-27000	27000	2.1	.44	637
RL-1361-2-33000	33000	2.4	.44	812
RL-1361-2-39000	39000	3.0	.44	1000
RL-1361-2-47000	47000	3.1	.44	1137
RL-1361-2-56000	56000	4.4	.35	1400
RL-1361-2-68000	68000	5.3	.27	1950
RL-1361-2-82000	82000	5.9	.27	2475
RL-1361-2-100000	100000	6.9	.27	2625
RL-1361-2-120000	120000	9.4	.22	3200
RL-1361-2-150000	150000	10.6	.22	3800

NOTES:

* Measured between 2 and 4 or 7 and 9.

† Measured with 2 and 4 shorted or 7 and 9 shorted.



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