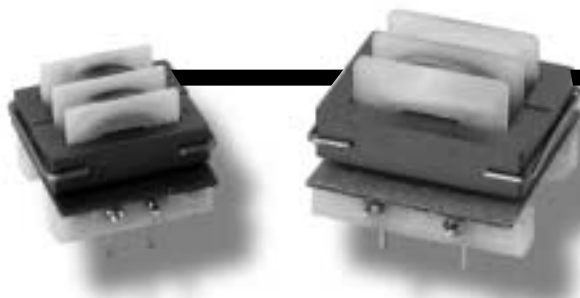


RL-1361

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



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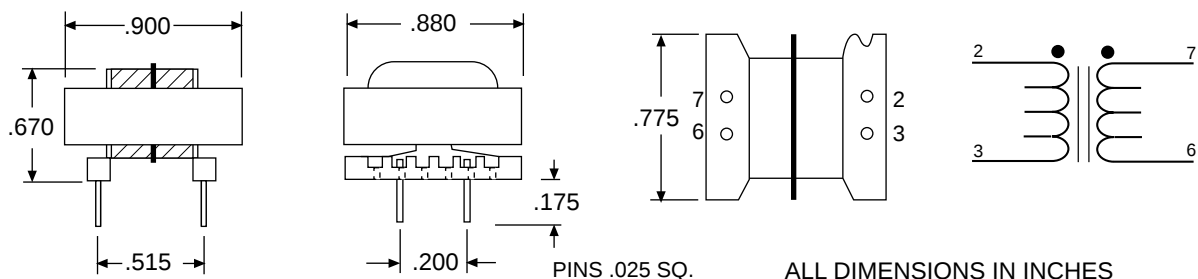
✉ Fax: (321) 637-1600 🌐 Web Site: www.rencousa.com 📧 E-mail: sales@rencousa.com

RL-1361-1					
Renco Part No.	L @ 1KC (μH)*	Max. DCR* (Ohms)	Suggested Rated Current (Amps)	Leakage L Max. (μH)†	Max. Interwinding Capacitance (pF)
RL-1361-1-47	47	.016	3.5	4.0	6.0
RL-1361-1-56	56	.018	3.5	4.0	7.0
RL-1361-1-68	68	.019	3.5	5.0	8.0
RL-1361-1-82	82	.023	2.8	5.5	8.5
RL-1361-1-100	100	.025	2.8	6.0	8.5
RL-1361-1-120	120	.028	2.8	6.5	8.5
RL-1361-1-150	150	.030	2.8	7.5	8.5
RL-1361-1-180	180	.038	2.2	8.0	8.5
RL-1361-1-220	220	.044	2.2	9.0	8.5
RL-1361-1-270	270	.051	2.2	10.0	8.5
RL-1361-1-330	330	.058	1.7	11.0	8.5
RL-1361-1-470	470	.078	1.4	16.0	8.5
RL-1361-1-560	560	.091	1.4	18.0	10.0
RL-1361-1-680	680	.115	1.1	20.0	10.0
RL-1361-1-820	820	.131	1.1	25.0	11.5
RL-1361-1-1000	1000	.194	.88	35.0	11.5
RL-1361-1-1200	1200	.219	.88	47.0	11.5
RL-1361-1-1500	1500	.278	.70	49.0	11.5
RL-1361-1-1800	1800	.306	.70	59.0	11.5
RL-1361-1-2200	2200	.431	.55	76.0	11.5
RL-1361-1-2700	2700	.469	.55	91	12.5
RL-1361-1-3300	3300	.531	.55	101	12.5
RL-1361-1-3900	3900	.669	.44	135	17.0
RL-1361-1-4700	4700	.760	.44	158	17.0
RL-1361-1-5600	5600	.853	.44	196	17.0
RL-1361-1-6800	6800	1.24	.35	257	17.0
RL-1361-1-8200	8200	1.40	.35	296	17.0
RL-1361-1-10000	10000	1.61	.35	362	17.0
RL-1361-1-12000	12000	1.98	.27	410	17.0
RL-1361-1-15000	15000	2.24	.27	503	17.0
RL-1361-1-18000	18000	2.45	.27	602	17.0
RL-1361-1-22000	22000	3.49	.22	730	20.0
RL-1361-1-27000	27000	4.60	.17	870	20.0
RL-1361-1-33000	33000	5.21	.17	1150	20.0
RL-1361-1-39000	39000	7.19	.13	1300	20.0
RL-1361-1-47000	47000	7.80	.13	1541	20.0
RL-1361-1-56000	56000	8.69	.13	1875	20.0
RL-1361-1-68000	68000	9.69	.13	2254	20.0
RL-1361-1-82000	82000	13.1	.10	2702	25.0
RL-1361-1-100000	100000	14.6	.10	3289	36.0
RL-1361-1-120000	120000	16.0	.10	3456	36.0

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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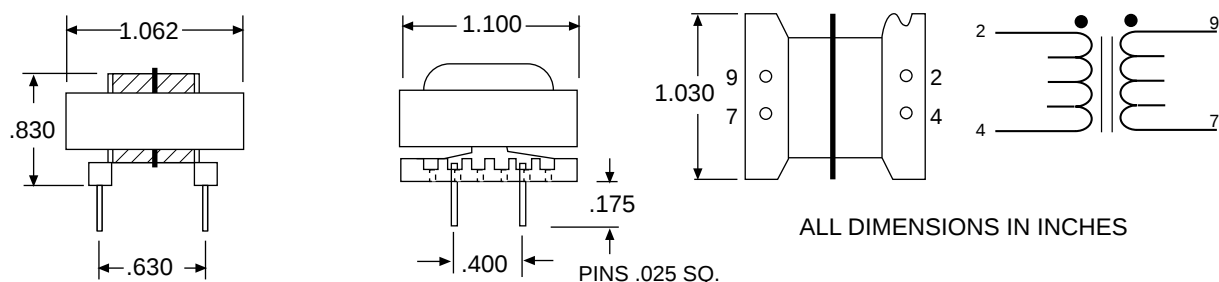
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RL-1361-2					
Renco Part No.	L @ 1KHz (μ H)*	Max. DCR* (Ohms)	Suggested Rated Current (Amps)	Leakage L Max. (μ H)†	Max. Interwinding Capacitance (pF)
RL-1361-2-56	56	.013	5.5	3.5	9.0
RL-1361-2-68	68	.013	5.5	3.5	9.0
RL-1361-2-82	82	.013	5.5	3.5	9.0
RL-1361-2-100	100	.013	5.5	3.5	9.0
RL-1361-2-120	120	.015	5.5	4.8	9.0
RL-1361-2-150	150	.016	5.5	6.5	9.0
RL-1361-2-180	180	.019	4.5	7.2	9.0
RL-1361-2-220	220	.023	4.5	7.75	10.0
RL-1361-2-270	270	.026	4.5	9.5	10.0
RL-1361-2-330	330	.028	3.5	12.5	11.5
RL-1361-2-470	470	.033	3.5	14.0	11.5
RL-1361-2-560	560	.038	3.5	18.0	11.5
RL-1361-2-680	680	.040	3.5	23.0	11.5
RL-1361-2-820	820	.063	2.8	26.0	11.5
RL-1361-2-1000	1000	.068	2.8	35.0	12.5
RL-1361-2-1200	1200	.099	2.2	40.0	12.5
RL-1361-2-1500	1500	.115	1.7	43.0	12.5
RL-1361-2-1800	1800	.131	1.7	54.0	12.5
RL-1361-2-2200	2200	.174	1.4	61.5	12.5
RL-1361-2-2700	2700	.188	1.4	118.0	12.5
RL-1361-2-3300	3300	.331	1.1	135	15.0
RL-1361-2-3900	3900	.438	1.1	155	15.0
RL-1361-2-4700	4700	.500	.88	168	15.0
RL-1361-2-5600	5600	.525	.88	216	15.0
RL-1361-2-6800	6800	.625	.88	246	15.0
RL-1361-2-8200	8200	.813	.88	257	15.0
RL-1361-2-10000	10000	.875	.70	293	15.0
RL-1361-2-12000	12000	.938	.70	370	15.0
RL-1361-2-15000	15000	1.1	.70	435	17.0
RL-1361-2-18000	18000	1.5	.55	514	17.0
RL-1361-2-22000	22000	1.9	.55	527	17.0
RL-1361-2-27000	27000	2.1	.44	637	17.0
RL-1361-2-33000	33000	2.4	.44	812	17.0
RL-1361-2-39000	39000	3.0	.44	1000	17.0
RL-1361-2-47000	47000	3.1	.44	1137	17.0
RL-1361-2-56000	56000	4.4	.35	1400	17.0
RL-1361-2-68000	68000	5.3	.27	1950	17.0
RL-1361-2-82000	82000	5.9	.27	2475	18.75
RL-1361-2-100000	100000	6.9	.27	2625	18.75
RL-1361-2-120000	120000	9.4	.22	3200	18.75
RL-1361-2-150000	150000	10.6	.22	3800	18.75

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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