



RL-5014

COMMON MODE TOROIDS

VERTICAL MOUNT

DESCRIPTION

- Vertical Mount Toroids

ENVIRONMENTAL DATA

- Storage temperature range: -55°C to +130°C
- Operating temperature range: Contact Engineering

PACKAGING INFORMATION

- Packaging information: pg. 495

FEATURES & APPLICATIONS

- Effective in filtering supply lines having in-phase signals of equal amplitude
- Allows equipment to meet FCC and electrical radiation specifications
- Broad frequency ranges can be filtered
- Typical applications include: power line filter, suppress EMI in switched-mode, and power supplies
- Dielectric withstanding voltage rated at 2000 VAC line to line

Verify operation with sample in actual circuit. Order samples at www.rencousa.com.

MECHANICAL DIMENSIONS

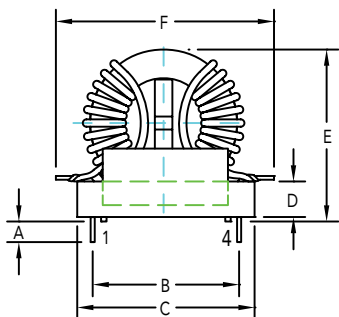
U.S. Standard (mm)

PART NUMBER	A (MIN.)	B	C (MAX.)	D (MAX.)	E (MAX.)	F (MAX.)
RL-5014	0.250 (6.35)	1.50 (38.10)	1.70 (43.18)	0.20 (5.08)	2.28 (57.91)	2.05 (52.07)

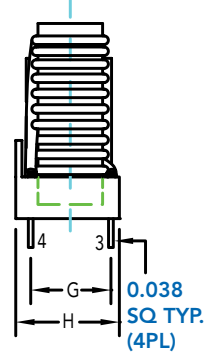
PART NUMBER	PART WEIGHT
RL-5014	118.0g (4.16oz)

G	H (MAX.)	I (REF.)	J (REF)
0.90 (22.86)	1.20 (30.45)	1.50 (38.10)	0.90 (22.86)

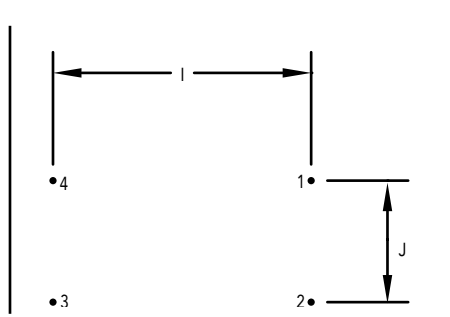
FRONT VIEW



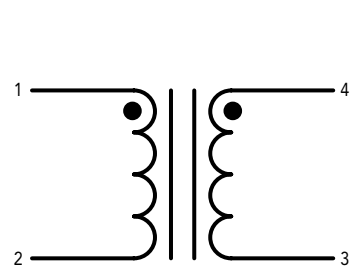
SIDE VIEW



RECOMMENDED LAND PATTERN



SCHEMATIC



RENCO ELECTRONICS INC.

595 International Place, Rockledge, FL 32955-4200 USA • www.rencousa.com • ISO 9001 Certified
Toll Free Engineering Hot Line: 800.645.5828 • P: 321.637.1000 • F: 321.637.1600



RL-5014

Renco Part No. RL-5014	Inductance (mH)-0+60%	DCR Max. (Ohms)	Leakage Inductance (μH) Typ.
RL-5014-72-1	72.0	1.300	905.0
RL-5014-125-1	125.0	1.150	809.0
RL-5014-36-2	36.0	0.450	454.0
RL-5014-62-2	62.0	0.400	400.0
RL-5014-19-4	19.0	0.260	296.0
RL-5014-32-4	32.0	0.140	182.0
RL-5014-15-6	15.0	0.120	184.0
RL-5014-26-6	26.0	0.117	168.0
RL-5014-10-9	10.0	0.065	120.0
RL-5014-17-9	17.0	0.059	109.0
RL-5014-7.5-12	7.5	0.044	90.0
RL-5014-13-12	13.0	0.039	88.0
RL-5014-6.0-15	6.0	0.033	72.0
RL-5014-10-15	10.0	0.028	66.0

NOTES:

1. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
2. ALL TERMINALS 0.038 SQUARE (WILL FIT PRINTED BOARD HOLE = #16 AWG)
3. INDUCTANCE TESTED AT 10 kHz, 0.25 Vrms

