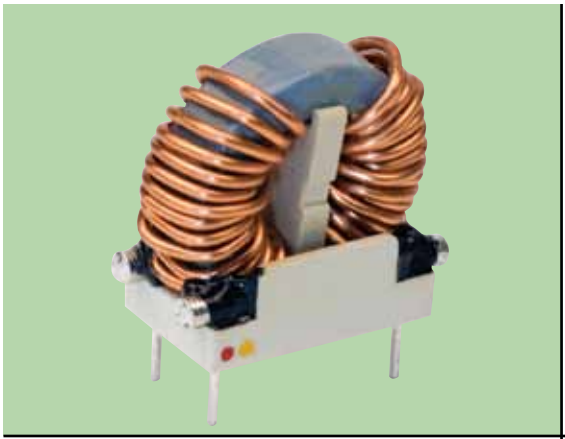


RL-5013

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

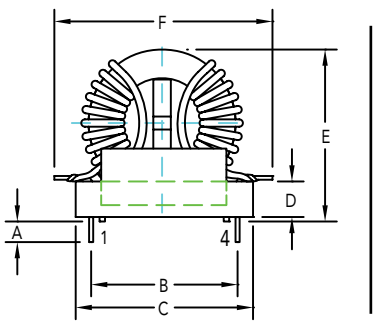
U.S. Standard (mm)

PART NUMBER	A (MIN.)	B	C (MAX.)	D (MAX.)	E (MAX.)	F (MAX.)
RL-5013	0.250 (6.35)	1.20 (30.48)	1.75 (44.45)	0.20 (5.08)	1.76 (44.71)	1.75 (44.45)

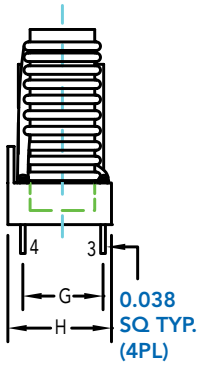
PART NUMBER	PART WEIGHT
RL-5013	58.0g (2.05oz)

G	H (MAX.)	I (REF)	J (REF.)
0.70 (17.78)	1.00 (25.40)	1.20 (30.48)	0.70 (17.78)

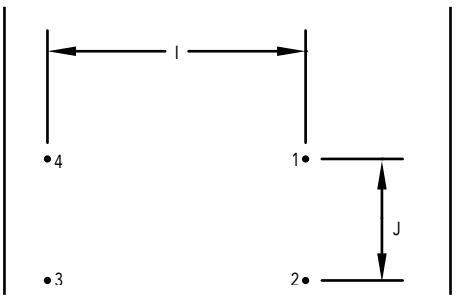
FRONT VIEW



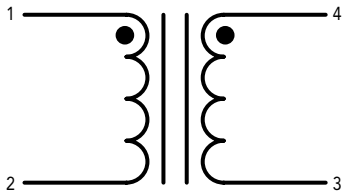
SIDE VIEW



RECOMMENDED LAND PATTERN



SCHEMATIC



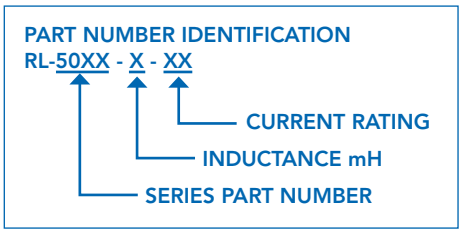
RENCO ELECTRONICS INC.
595 International Place, Rockledge, FL 32955-4200 USA • www.rencousa.com • ISO 9001 Certified
Toll Free Engineering Hot Line: 800.645.5828 • P: 321.637.1000 • F: 321.637.1600

RoHS COMPLIANT

RL-5013

Renco Part No. RL-5013	Inductance (mH)-0+60%	DCR Max. (Ohms)	Leakage Inductance (µH) Typ.
RL-5013-32-1	32.0	0.735	460.0
RL-5013-56-1	56.0	1.000	885.0
RL-5013-16-2	16.0	0.250	205.0
RL-5013-28-2	28.0	0.365	425.0
RL-5013-8.0-4	8.0	0.085	105.0
RL-5013-14-4	14.0	0.132	220.0
RL-5013-6.6-6	6.6	0.065	82.0
RL-5013-11.5-6	11.5	0.098	160.0
RL-5013-4.0-9	4.0	0.035	50.0
RL-5013-7.0-9	7.0	0.052	80.0
RL-5013-3.0-12	3.0	0.030	37.0
RL-5013-5.2-12	5.2	0.034	49.0
RL-5013-2.5-15	2.5	0.040	35.0
RL-5013-4.4-15	4.4	0.026	53.0

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



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