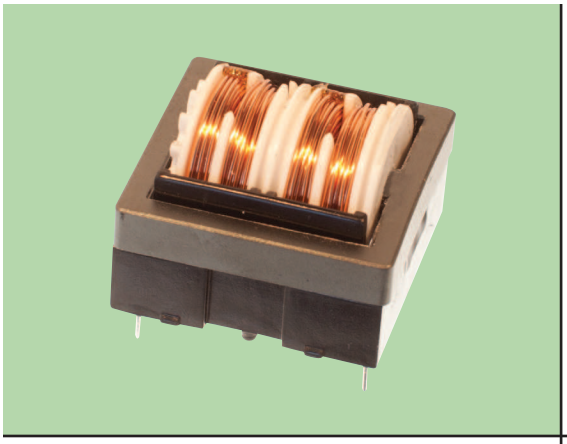


RL-9750-5HM

THRU-HOLE AC LINE FILTER

DESCRIPTION

- Thru-Hole AC Line Filter

ENVIRONMENTAL DATA

- Storage temperature range: -55°C to +130°C
- Operating temperature range: -40°C to +130°C

PACKAGING INFORMATION

- Packaging information: pg.

FEATURES & APPLICATIONS

- Low cost and low profile
- Used to reduce (EMI) entering equipment
- Wide range of selection
- Easy PCB mounting
- High self-resonant frequency
- Protects primary AC side from being affected by a switching regulator
- Dielectric withstanding voltage rated at 2500 VAC line to line

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

MECHANICAL DIMENSIONS

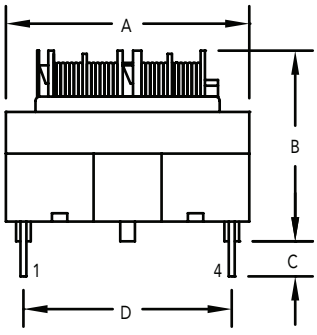
U.S. Standard (mm)

PART NUMBER	A (MAX.)	B (MAX.)	C (TYP.)	D ±0.02 (0.50)	E (MAX.)	F ±0.02 (0.50)
RL-9750-5HM	1.16 (29.50)	0.92 (23.50)	0.20 (5.00)	0.94 (24.00)	1.18 (30.00)	0.79 (20.00)

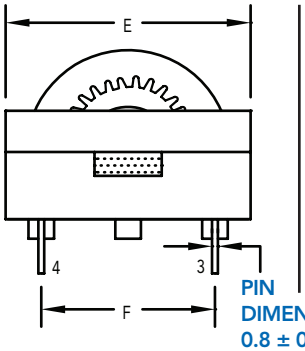
PART NUMBER	PART WEIGHT
RL-9750-5HM	30g (1.06oz)

G ±0.004 (0.1)	H ±0.004 (0.1)
0.95 (24.00)	0.78 (20.00)

FRONT VIEW

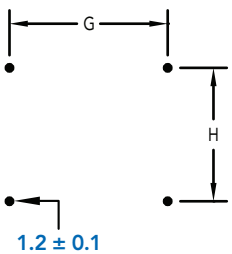


SIDE VIEW

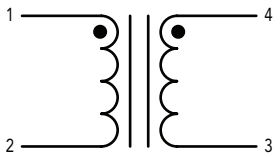


PIN DIMENSION 0.8 ± 0.1 (4PL)

RECOMMENDED LAND PATTERN



SCHEMATIC



RENCO ELECTRONICS INC.

595 International Place, Rockledge, FL 32955-4200 USA • www.rencousa.com • ISO 9001 Certified
Toll Free

RoHS COMPLIANT

COMMON MODE CHOKES

RL-9750-5HM

Renco Part No. RL-9750-5HM	Inductance (mH) Min.	DCR (Ohms) ± 20%	Irms (A) Max.
RL-9750-5HM-1.0	1.0	0.045	3.4
RL-9750-5HM-1.5	1.5	0.058	3.1
RL-9750-5HM-1.8	1.8	0.062	2.8
RL-9750-5HM-2.7	2.7	0.082	2.6
RL-9750-5HM-3.3	3.3	0.087	2.5
RL-9750-5HM-3.9	3.9	0.104	2.2
RL-9750-5HM-4.7	4.7	0.125	2.0
RL-9750-5HM-5.6	5.6	0.155	1.8
RL-9750-5HM-8.2	8.2	0.226	1.7
RL-9750-5HM-22.0	22.0	0.540	1.0
RL-9750-5HM-27.0	27.0	0.708	0.8
RL-9750-5HM-39.0	39.0	1.075	0.7
RL-9750-5HM-68.0	68.0	1.739	0.5

NOTES:
1. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
2. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C