



# RL-1324

## MIL SPEC INDUCTORS

### DESCRIPTION

- MIL Spec Inductor

### ENVIRONMENTAL DATA

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

### PACKAGING INFORMATION

- Packaging information: pg. 493

### FEATURES & APPLICATIONS

- Designed to meet MIL-PRF-27, Class S specifications
- Over 200 standard values covering an inductance range from 1  $\mu$ H to 15,000  $\mu$ H with rated saturation current ranges from 1.5 A to 155 A are available
- Typical applications include: switching regulators, power amplifiers, SCR and TRIAC Controls, RFI suppression, filters, reactors, power inductors, audio inductors and saturable inductors

Verify operation with sample in actual circuit. Order samples at [www.rencousa.com](http://www.rencousa.com).

### MECHANICAL DIMENSIONS

U.S. Standard (mm)

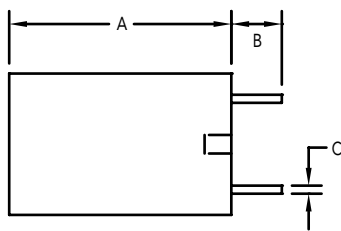
PART NUMBER	A (MAX.)	B (MIN.)	C (TYP.)	D	E $\pm$ 0.010 (0.254)
RL-1324-1	1.100 (27.94)	0.250 (6.35)	0.040 (1.02)	4-40	0.096 (2.438)
RL-1324-2	1.100 (27.94)	0.250 (6.35)	0.040 (1.02)	4-40	0.156 (3.962)
RL-1324-3	1.100 (27.94)	0.250 (6.35)	0.040 (1.02)	4-40	0.269 (6.832)
RL-1324-4	1.380 (35.05)	0.250 (6.35)	0.080 (2.03)	6-32	0.375 (9.524)
RL-1324-5	1.850 (46.99)	0.250 (6.35)	0.080 (2.03)	6-32	0.375 (9.524)

PART NUMBER	PART WEIGHT
RL-1324-1	25.0g (0.88oz)
RL-1324-2	38.0g (1.34oz)
RL-1324-3	55.0g (1.94oz)
RL-1324-4	150.0g (5.29oz)
RL-1324-5	200.0g (7.05oz)

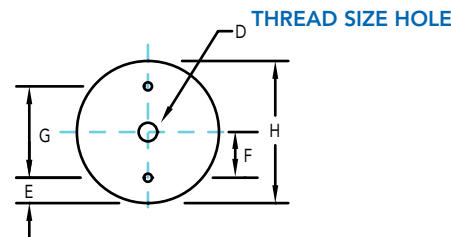
THE RL-1324 IS DESIGNED TO MEET MIL-PRF-27, CLASS S, HOWEVER, THEY ARE NOT CURRENTLY LISTED ON THE DSCC QUALIFIED PRODUCTS LIST.

F	G $\pm$ 0.010 (0.254)	H
0.225 (5.715)	0.450 (11.430)	0.700 (17.78)
0.250 (6.350)	0.500 (12.700)	0.830 (21.08)
0.268 (6.807)	0.537 (13.639)	1.100 (27.94)
0.375 (9.524)	0.750 (19.049)	1.525 (38.73)
0.375 (9.254)	0.750 (19.049)	1.525 (38.73)

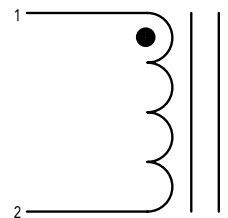
TOP VIEW



SIDE VIEW



SCHEMATIC



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