

RL-5751

FLYBACK TRANSFORMER FOR TEXAS INSTRUMENTS

(FORMALLY NATIONAL SEMICONDUCTOR)

(LM-258X) SIMPLE SWITCHER SERIES

DESCRIPTION

- Flyback Transformer
- LM-258X-T7

ENVIRONMENTAL DATA

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

PACKAGING INFORMATION

- Packaging information: pg. 510

FEATURES & APPLICATIONS

- Compact through-hole transformer
- Flyback topology power supplies

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

MECHANICAL DIMENSIONS

U.S. Standard (mm)

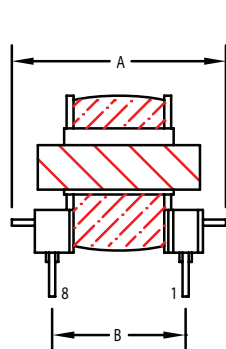
PART NUMBER	A (MAX.)	B	C (MAX.)	D (MAX.)	E (MIN.)	F	G
RL-5751	0.930 (23.62)	0.515 (13.08)	0.860 (21.84)	0.660 (16.76)	0.175 (4.44)	0.200 (5.08)	0.150 (3.81)

PART NUMBER	PART WEIGHT
RL-5751	12.0g (0.42oz)

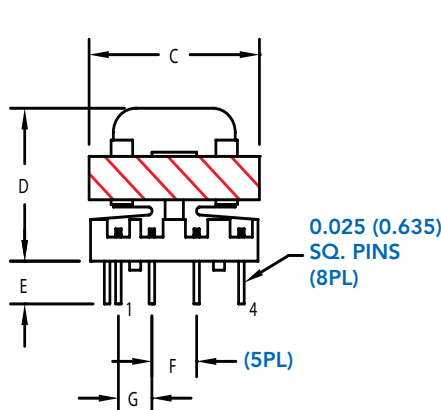
TEST MEASUREMENTS:

1. L (4-1) = 47.0 μ H \pm 10% AT 0.1 VRMS 10 kHz
2. RDC (1-4) = 0.036 Ω \pm 15% AT 25°
3. HIPOT: 600 VRMS BETWEEN (4-1) AND OTHER WINDINGS

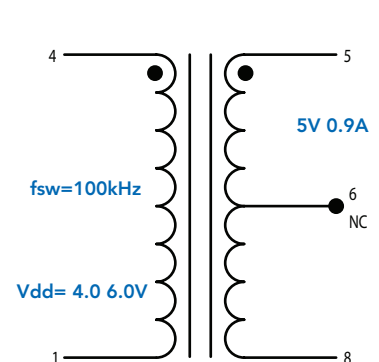
FRONT VIEW



SIDE VIEW



SCHEMATIC



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