



# RLD-2271

## TWO IN ONE™ TRIPLE OUTPUT POWER TRANSFORMERS CHASSIS MOUNT

### DESCRIPTION

- Triple Output Power Transformer
- Chassis Mount

### ENVIRONMENTAL DATA

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

### PACKAGING INFORMATION

- Packaging information: pg. 509

### FEATURES & APPLICATIONS

- Have a triple output designed for 5 VDC and  $\pm 12$  VDC or  $\pm 15$  VDC regulated power supplies
- Available in ratings of 30 VA, 56 VA, and 100 VA
- Designed with dual primaries 200 V to 260 V - 50/60 Hz
- Designed with solder lug/quick connect type terminals
- Split bobbin construction eliminates the need for electrostatic shielding
- Hipot tested at 2500 VRMS

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

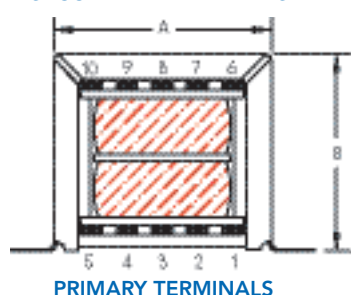
### MECHANICAL DIMENSIONS

U.S. Standard (mm)

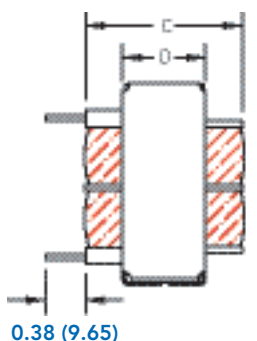
PART NUMBER	SIZE	VA	A	B	C	D	E	F
RLD-2271	6	30	2.34 (59.50)	1.75 (44.40)	1.99 (50.50)	1.08 (27.40)	2.80 (71.10)	3.24 (82.30)
RLD-2271	7	56	2.69 (68.30)	1.87 (47.50)	2.27 (57.60)	1.13 (28.50)	3.13 (79.50)	3.55 (90.10)
RLD-2271	8	100	3.10 (78.60)	2.25 (57.00)	2.65 (67.20)	1.39 (35.30)	3.59 (91.10)	3.98 (101.20)

#### FRONT VIEW

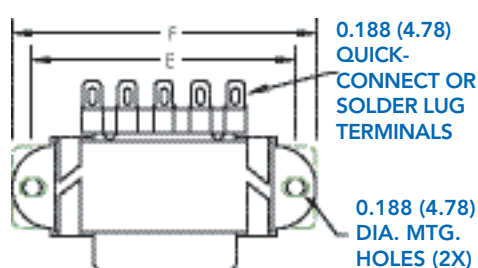
##### SECONDARY TERMINALS



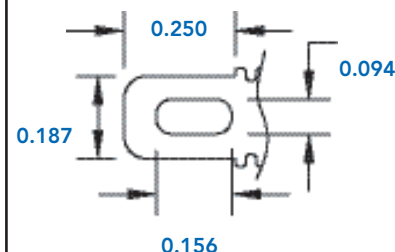
#### SIDE VIEW



#### BOTTOM VIEW



#### QUICK CONNECT TERMINALS



RENCO ELECTRONICS INC.



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

# RLD-2271

Renco Part No. Primary 50/60Hz 115/230V	VA Size	DC OUTPUT	
		Regulator I	Regulator II
RLD-2271-6-12	30	5V @ 1.75 A	±12 @ 210 mA
RLD-2271-6-15	30	5V @ 1.75 A	±15 @ 210 mA
RLD-2271-7-12	56	5V @ 2.80 A	±12 @ 350 mA
RLD-2271-7-15	56	5V @ 2.80 A	±15 @ 350 mA
RLD-2271-8-12	100	5V @ 4.00 A	±12 @ 600 mA
RLD-2271-8-15	100	5V @ 4.00 A	±15 @ 600 mA

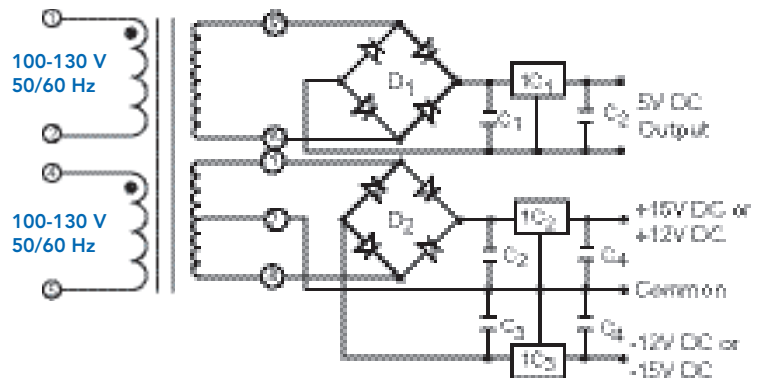
Renco Part No. Primary 50/60Hz 115/230V	SUGGESTED COMPONENTS						
	C1	C3	IC1	IC2	IC3	D1	D2
RLD-2271-6-12	10 KMFD @ 20 VDC	1.5 KMFD @ 50VDC	LM-323K-5	LM-340K-12	LM-320K-12	3N253	3N247
RLD-2271-6-15	10 KMFD @ 20 VDC	1.5 KMFD @ 50VDC	LM-323K-5	LM-340K-15	LM-320K-15	3N253	3N247
RLD-2271-7-12	15 KMFD @ 20 VDC	2 KMFD @ 50VDC	LM-323K-5	LM-340K-12	LM-320K-12	MDA-400	3N247
RLD-2271-7-15	15 KMFD @ 20 VDC	2 KMFD @ 50VDC	LM-323K-5	LM-340K-15	LM-320K-15	MDA-400	3N247
RLD-2271-8-12	26 KMFD @ 20 VDC	3.1 KMFD @ 50VDC	LM-338 <sub>2</sub>	LM-340K-12	LM-320K-12	MDA-800	3N247
RLD-2271-8-15	26 KMFD @ 20 VDC	3.1 KMFD @ 50VDC	LM-338 <sub>2</sub>	LM-340K-15	LM-320K-15	MDA-800	3N247

## NOTES:

1. OUTPUT CAPACITORS C2 AND C4 ARE REQUIRED TO STABILIZE REGULATORS.  
VALUES CAN BE 1MFD MON. TANTALUM OR 10MFD MIN. ELECTROLYTIC, 20VMIN.
2. LM-338 IS AN ADJUSTABLE REGULATOR AND MFR'S SPECIFICATIONS  
(TEXAS INSTRUMENTS \*FORMALLY NATIONAL SEMICONDUCTOR) SHOULD BE  
CONSULTED FOR VALUES  
OF EXTERNAL COMPONENTS
3. ALL ICS ARE NATIONAL SEMICONDUCTOR TYPES
4. ALL DIODES ARE MOTOROLA TYPES
5. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C

PART NUMBER	PART WEIGHT
RLD-2271-6	575.0g (20.28oz)
RLD-2271-7	815.0g (28.75oz)
RLD-2271-8	1,282.0g (45.22oz)

## SCHEMATIC



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