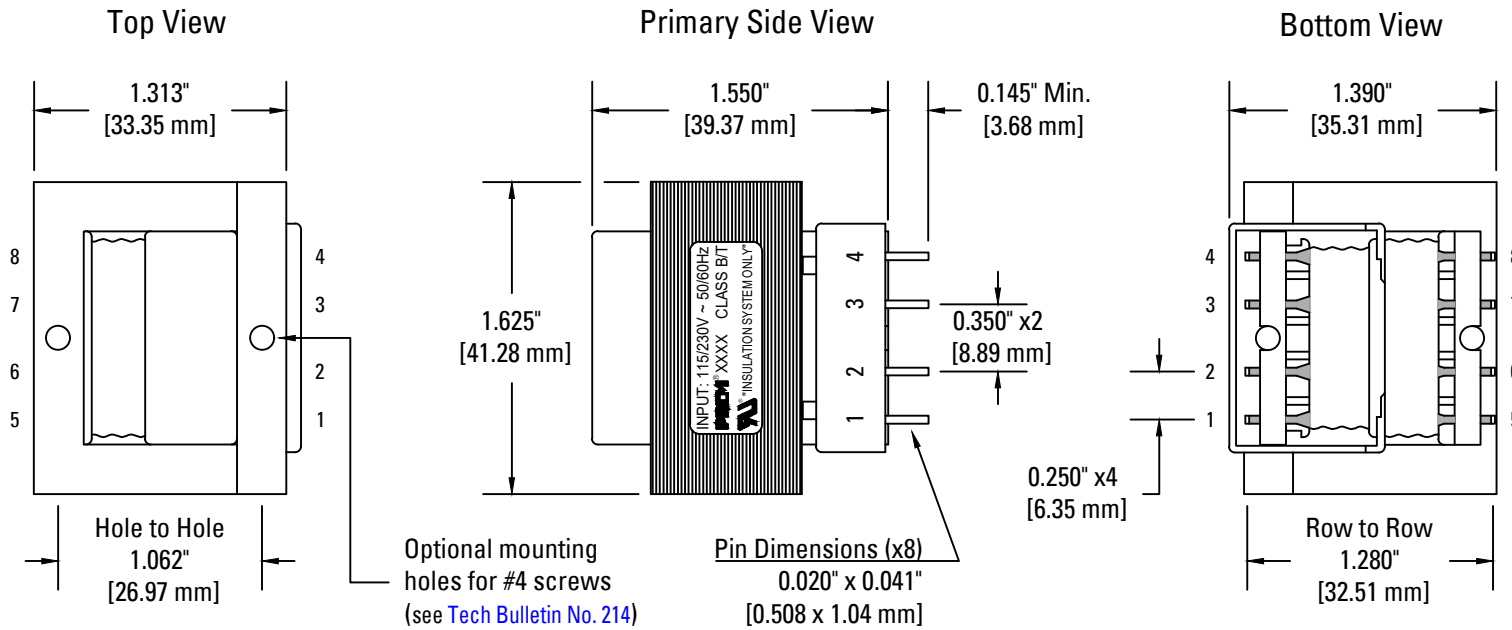


Prem's **SPW-3500 Series** is a group of 6.0VA, International-Capable, Standard Profile, PC mount transformers with dual 115/230V primaries and dual secondaries that are designed to be used in low power applications. They provide the high isolation, creepage, and clearance distances required to comply with many international safety standards.

- Dual primaries & dual secondaries: Must be series or parallel connected
- Insulation system: Class B (130°C), UL 1446 (File E85315)
- Dielectric strength: 4500Vrms primary to secondary
- UL94V-0-rated bobbin & shroud
- Shrouded primary & three flange bobbin design; no electrostatic shield required
- Anchor, insulating, and crossover tapes plus two distinct, separate windings for each primary & secondary assure excellent dielectric strength capabilities
- 100% final tested: Every transformer is tested on automated panels for induced voltage (shorted turns), exciting current, open circuit voltage (turns ratio), polarity (phasing), and dielectric strength
- Immersed in 100% solids epoxy resin to withstand most aqueous and solvent cleaning systems
- Also available: Domestic, UL/CSA approved, & pin-out compatible **SPW-500-D Series**
- Other primary and secondary voltages may be custom designed to your specifications

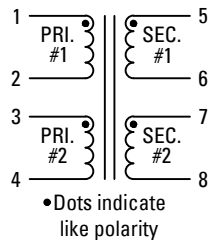
SPW-3500 Series (6.0VA) Data Sheet

AGENCY CERTIFICATIONS:
UL 1446 (File E85315)



All dimensions for reference only.

Schematic



PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE USED AS ONE PRIMARY AND ONE SECONDARY WINDING WITH EITHER SERIES OR PARALLEL CONNECTIONS ONLY.

Input Voltage 1-4 (tie 2-3): 230V @ 50/60Hz
 Input Voltage 1-4 (tie 1-3, 2-4): 115V @ 50/60Hz

Secondary Series Connections: Tie 6-7; output 5-8
 Secondary Parallel Connections: Tie 5-7, 6-8; output 5-8

FUSE TYPES/VALUES USED TO GAIN SAFETY AGENCY COMPONENT RECOGNITION:

Fuse circuit location: Primary Fuse manufacturer: Littelfuse, Inc. (Des Plaines, IL)
 Fuse P/N: 218.050 (230V Input) or 218.100 (115V Input)

PART NUMBER	RMS RATING WITH SECONDARIES IN:	
	SERIES	PARALLEL
SPW-3500	10VCT @ 600mA	5V @ 1.20A
SPW-3501	12.6VCT @ 500mA	6.3V @ 1.00A
SPW-3502	16VCT @ 400mA	8V @ 800mA
SPW-3503	20VCT @ 300mA	10V @ 600mA
SPW-3504	24VCT @ 250mA	12V @ 500mA
SPW-3505	28VCT @ 200mA	14V @ 400mA
SPW-3506	36VCT @ 170mA	18V @ 340mA
SPW-3507	48VCT @ 125mA	24V @ 250mA
SPW-3508	56VCT @ 110mA	28V @ 220mA
SPW-3509	120VCT @ 50mA	60V @ 100mA

8/13/19 | -2 | Updated agency approvals | AG

12/4/14 | -1 | Updated pin height from 0.160" ref. to 0.145" min.; updated agency approvals | RR

DATE | ISS. | REVISION | BY

Designed by: RR 8/16/02
 Drawn by: AG 8/13/19
 Checked by: DB & TJK
 Drawing rev.: SPW-3500-2

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