

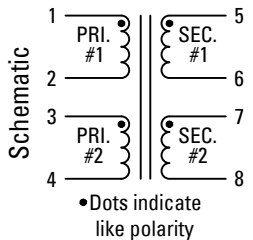
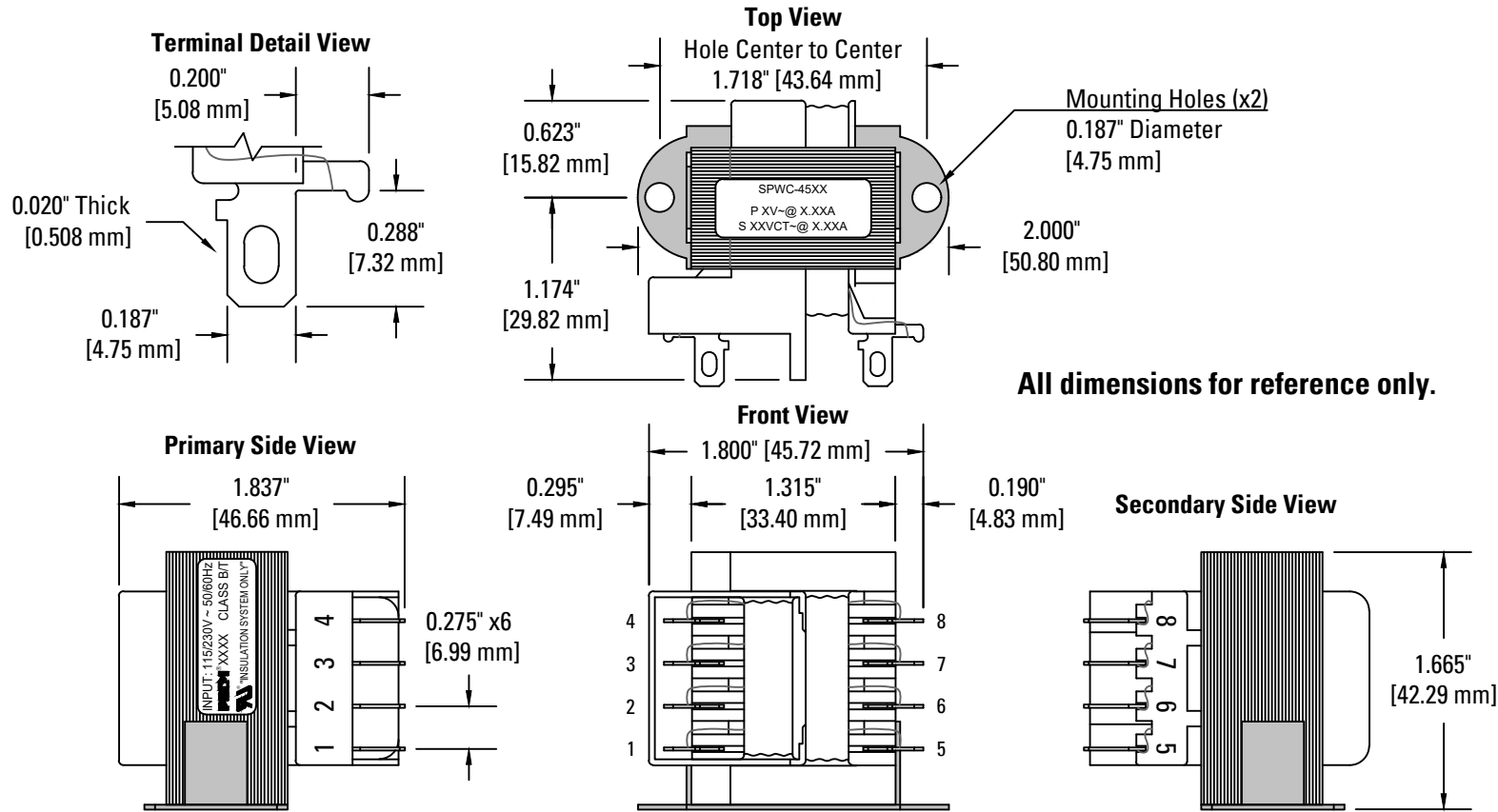
Prem's **SPWC-4500 Series** is a group of 6.0VA, International-Capable, Standard Profile, chassis mount transformers with dual 115/230V primaries and dual secondaries that are designed to be used in low power applications. They provide the high isolation, creepage, and clearance distances required to 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
- 0.187" solder lug / quick connect type terminals
- 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
- Other primary and secondary voltages may be custom designed to your specifications

SPWC-4500 Series (6.0VA) Data Sheet

AGENCY CERTIFICATIONS:

UL 1446 (File E85315)



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

PART NUMBER	RMS RATING WITH SECONDARIES IN:	
	SERIES	PARALLEL
SPWC-4500	10VCT @ 600mA	5V @ 1.20A
SPWC-4501	12.6VCT @ 500mA	6.3V @ 1.00A
SPWC-4502	16VCT @ 400mA	8V @ 800mA
SPWC-4503	20VCT @ 300mA	10V @ 600mA
SPWC-4504	24VCT @ 250mA	12V @ 500mA
SPWC-4505	28VCT @ 200mA	14V @ 400mA
SPWC-4506	36VCT @ 170mA	18V @ 340mA
SPWC-4507	48VCT @ 125mA	24V @ 250mA
SPWC-4508	56VCT @ 110mA	28V @ 220mA
SPWC-4509	120VCT @ 50mA	60V @ 100mA
SPWC-4510	230VCT @ 26mA	115V @ 52mA

- 8/20/19 | -5 | Updated agency approvals, corrected dimensions, added Top View | AG
- 11/9/15 | -4 | Updated agency approvals | RR
- 3/12/15 | -3 | Added bullets | TJK
- 12/4/14 | -2 | Changed () to [] = mm | TJK
- 12/4/14 | -1 | Added single winding verbiage | TJK

DATE | ISS. | REVISION | BY

Designed by: TJK 9/17/03
 Drawn by: AG 8/20/19
 Checked by: DB & TJK
 Drawing rev.: SPWC-4500-5



3521 N Chapel Hill Rd
 Johnsburg, IL 60051
www.premmagnetics.com

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)