

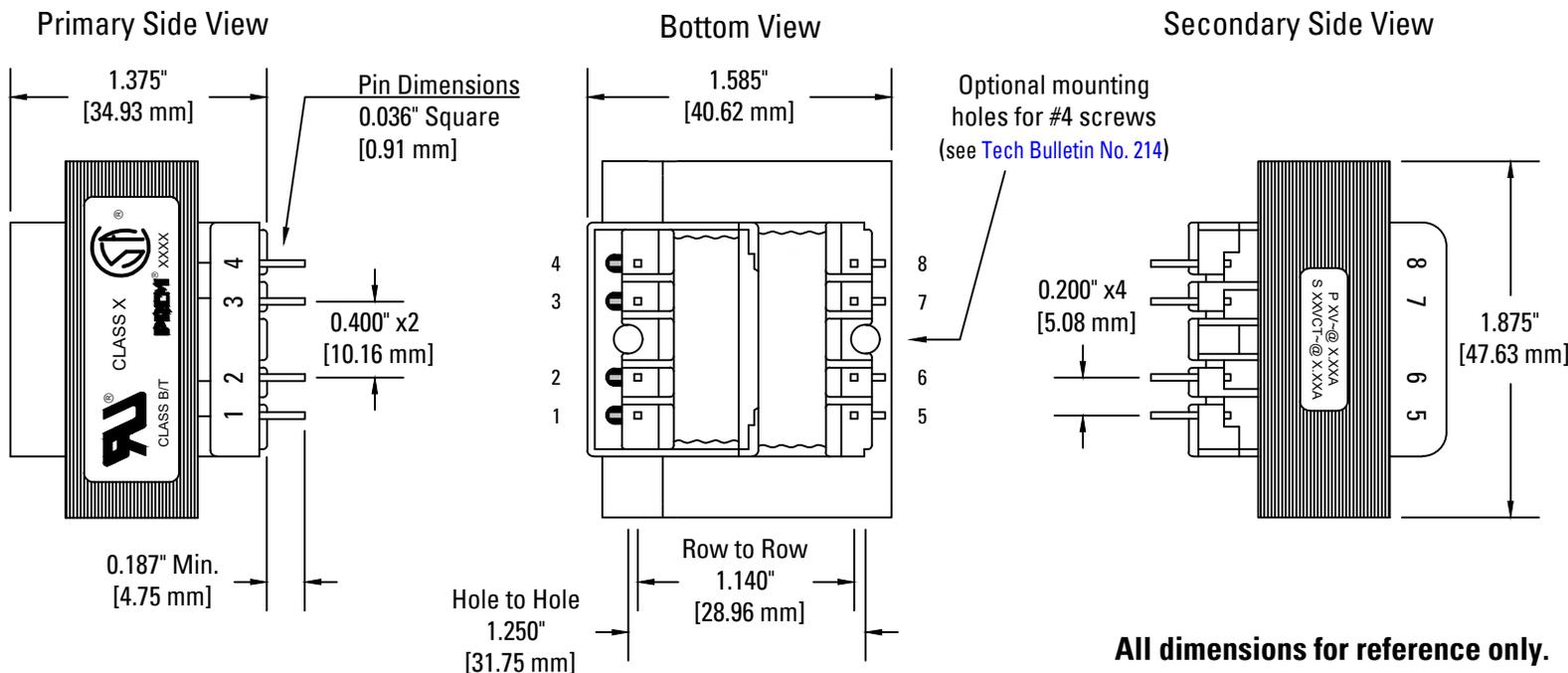
Prem's **SPW-1200 Series** is a group of 10VA, International-Capable, Standard Profile, PC mount transformers with dual 115/230V primaries and dual secondaries that are designed to be used in low power applications. They provide the high isolation, creepage, and clearance distances required to comply 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
- Other primary and secondary voltages may be custom designed to your specifications

SPW-1200 Series (10VA) Data Sheet

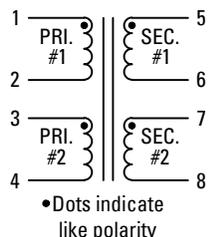
AGENCY CERTIFICATIONS:

- UL 1446 (File E85315)
- UL 1950 (File E125106)
- UL 1585/5085-3 Class 2 & 3 (File E125107)
- UL tested to CAN/CSA C22.2 No. 66.1-06 & No. 66.3-06 Class 2 (File 063944)



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: Bussmann (Eaton / Cooper)
 Fuse P/N: MDL-1/10 (230V Input) or MDL-2/10 (115V Input)

PART NUMBER	RMS RATING WITH SECONDARIES IN:	
	SERIES	PARALLEL
SPW-1200	10VCT @ 1.0A	5V @ 2.0A
SPW-1201	12.6VCT @ 800mA	6.3V @ 1.6A
SPW-1202	16VCT @ 620mA	8V @ 1.25A
SPW-1203	20VCT @ 500mA	10V @ 1.0A
SPW-1204	24VCT @ 420mA	12V @ 840mA
SPW-1205	28VCT @ 360mA	14V @ 720mA
SPW-1206	36VCT @ 280mA	18V @ 560mA

6/3/19 | -3 | Updated agency approvals; updated fuse mfr. name | AG

11/9/15 | -2 | Updated agency approvals | RR

DATE | ISS. | REVISION | BY

Designed by: JRH 8/14/89
 Drawn by: AG 5/24/19
 Checked by: DB & TJK
 Drawing rev.: SPW-1200-3

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