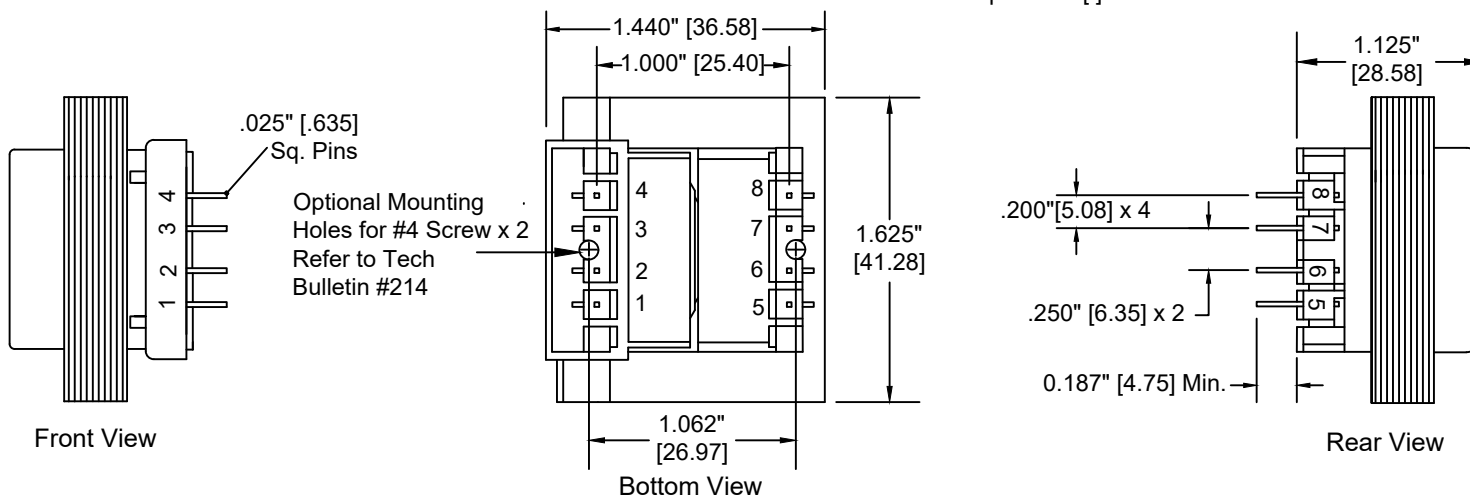


Spw 1000 Series: 2.5 VA International Standard Profile PC Mount Power transformers with dual 115/230V primaries and dual secondaries. Designed to be used in low power applications and provide the high isolation, creepage and clearance distances necessary to comply with international safety standards.

- Dielectric Strength - 4500Vrms Hipot primary - secondary
- Dual Primaries (must be used either Series or Parallel connected as one winding) 115/230V, 50/60Hz
- Dual secondaries - Series or Parallel
- Other primary and secondary voltages may be custom designed to your specifications
- Anchor, insulating and crossover tapes. Two distinct, separate windings for each primary and secondary assure excellent Hipot capability between these windings
- Immersed in 100% solids epoxy resin to withstand most aqueous and solvent cleaning systems
- 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
- Shrouded primaries, Three flange bobbin design, no electrostatic shield required
- Flammability - Bobbin and Shroud Material meets UL 94-VO
- Insulation system - Class B (130°C), UL 1446 (File E85315)

All Dimensions are reference unless otherwise specified. []=mm

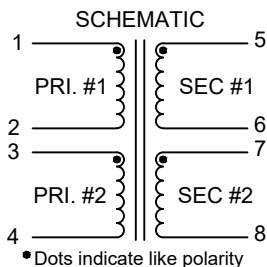


PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE USED AS ONE PRIMARY AND ONE SECONDARY WINDING WITH EITHER PARALLEL OR SERIES CONNECTION ONLY.

INPUT VOLTAGE 1 - 4 (TIE 2-3), 230V, 50/60Hz
 INPUT VOLTAGE 1 - 4 (TIE 1-3, 2-4), 115V, 50/60Hz

SECONDARY PARALLEL CONNECTIONS:
 TIE 5-7, 6-8; OUTPUT 5-8

SECONDARY SERIES CONNECTIONS:
 TIE 6-7; OUTPUT 5-8



RMS RATING WITH SECONDARIES CONNECTED IN:

Part Number	VA	Series	Parallel
SPW - 1000	2.5	10Vct @ 250mA	5V @ 500mA
SPW - 1001	2.5	12.6Vct @ 200mA	6.3V @ 400mA
SPW - 1002	2.5	16Vct @ 150mA	8V @ 300mA
SPW - 1003	2.5	20Vct @ 120mA	10V @ 240mA
SPW - 1004	2.5	24Vct @ 100mA	12V @ 200mA
SPW - 1005	2.5	28Vct @ 90mA	14V @ 180mA
SPW - 1006	2.5	36Vct @ 70mA	18V @ 140mA

FUSE TYPES/VALUES USED TO GAIN SAFETY AGENCY COMPONENT RECOGNITION

PREM PART NUMBER	FUSE CIRCUIT LOCATION	FUSE MFR	FUSE PART NO.	
			115V INPUT	230V INPUT
SPW-1000 - 1006	Primary	* L	218.063	218.032

* L = Littelfuse, Inc., Des Plaines, IL

SPW-1000 Series

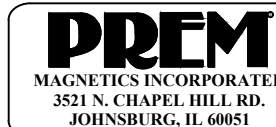
Notes

Agency Approvals:

UL:
 -1446 (File E85315)
 -1950 (File E125106)
 -1585/5085-3 (Class 2 and Class 3): (File E125107)

CSA-C22.2 No. 66.1-06,
 66.3-06 Class 2:
 (File 063944)

VDE 0805 / EN 60950
 (Cert 004327)



PREM PART SPW-1000
 INTERNATIONAL SERIES

Approved: R. RANDOW

Scale: None

Date: 09/17/2014