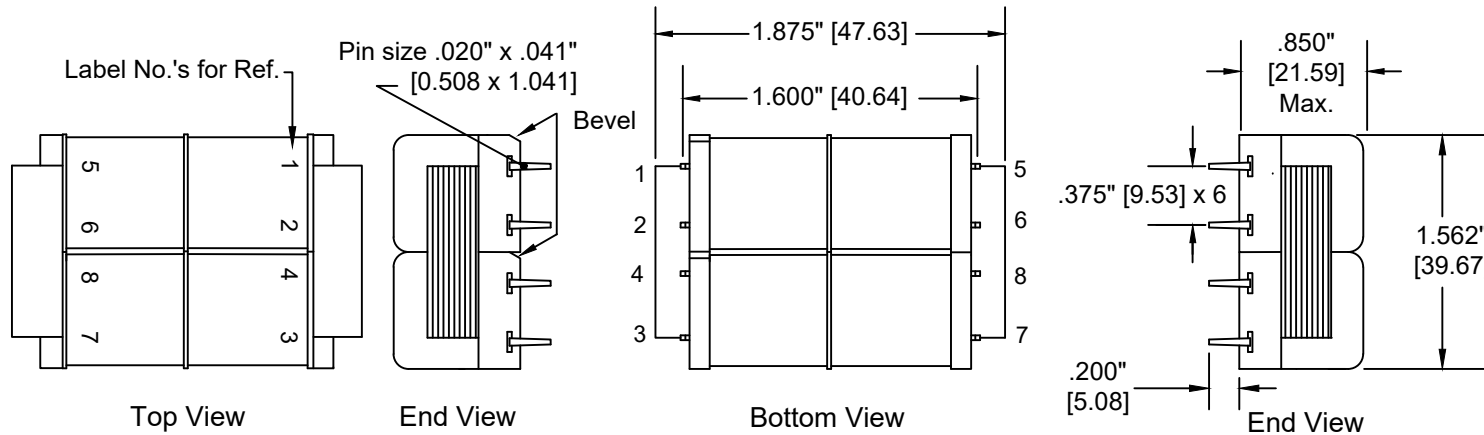


SPW-100 Series: 6 VA Low Profile PC Mount Power transformers with dual 115/230V primaries and dual secondaries. Ideal for Domestic low power applications where minimum height is required. Split bobbin construction provides excellent primary to secondary isolation.

- Dielectric Strength - 1500Vrms Hipot primary - secondary
- Dual Primaries (must be used either Series or Parallel connected as one winding), 115/230V, 60 Hz
- Dual Secondaries - Series or Parallel
- Height - 0.850" (21.59mm)
- UL Recognized CLASS B (130°C) Insulation system, UL 1446 (File E85315)
- Three flange bobbin design, no electrostatic shield required
- 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
- Also available: Our internationally approved **SPW-2100 Series** and **SPW-3100 Series** which are pin-for-pin compatible with the Domestic SPW-100 Series
- 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
- Anchor, insulating and crossover tapes. Two distinct, separate windings for each primary and secondary assure excellent Hipot capability between these windings

All dimensions for reference only unless otherwise specified. [ ]=mm

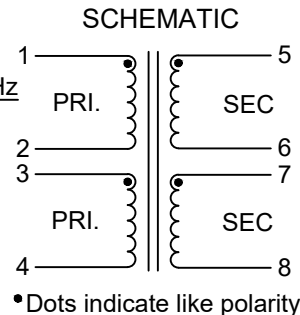


PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE EACH USED AS ONE WINDING WITH EITHER PARALLEL OR SERIES CONNECTIONS ONLY!

INPUT VOLTAGE 1 - 4 (Tie 2-3) 230V, 60Hz  
 INPUT VOLTAGE 1 - 4 (Tie 1-3, 2-4) 115V, 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-100	6.0	10Vct@600mA	5V@1.2A
SPW-101	6.0	12.6Vct@450mA	6.3V@900mA
SPW-102	6.0	16Vct@350mA	8V@700mA
SPW-103	6.0	20Vct@300mA	10V@600mA
SPW-104	6.0	24Vct@250mA	12V@500mA
SPW-105	6.0	34Vct@170mA	17V@340mA
SPW-106	6.0	40Vct@150mA	20V@300mA
SPW-107	6.0	56Vct@100mA	28V@200mA
SPW-108	6.0	88Vct@65mA	44V@130mA
SPW-109	6.0	120Vct@50mA	60V@100mA
SPW-110	6.0	230Vct@25mA	115V@50mA
SPW-111	6.0	30Vct@200mA	15V@400mA

## SPW-100 Series

### Notes

Agency Approvals:

UL:  
 -1446 (File E85315)  
 -506 / 5085-2 General Purpose (File E96326)

CSA-C22.2 No. 66.1-06,  
 66.2-06 General Purpose (File 063944)

FUSING THE TRANSFORMER TO MEET SAFETY AGENCY REQUIREMENTS IS THE RESPONSIBILITY OF THE CUSTOMER.

-2 Fixed width mm dim	3-6-18
-1 Update CSA approval	8-7-15

# PREM

MAGNETICS INCORPORATED  
 3521 N. CHAPEL HILL RD.  
 JOHNSBURG, IL 60051

PREM PART SPW-100  
 DOMESTIC SERIES

Approved: R. RANDOW

Scale: None

Date: 04/08/2015