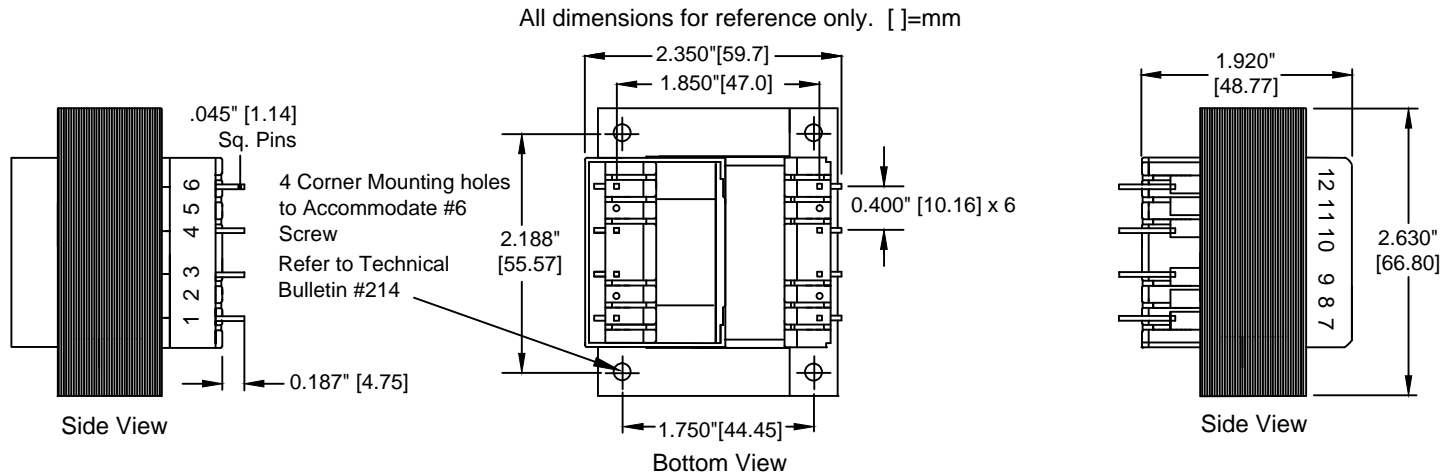


SPW-3620 Series: 36 VA International Standard Profile PC Mount Power transformers with dual 115/230V primaries and dual secondaries. These transformers are designed to provide the high isolation, creepage and clearance distances necessary to comply with international safety standards. Interchangeable with non-VDE units.

- Dielectric Strength - 4500Vrms Hipot primary - secondary
- Dual Primaries (must be used either Series or Parallel connected as one winding) 115/230V, 50/60Hz
- Insulation System - Class F (155 °C), UL 1446 (File E85315)
- Shrouded primaries, 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
- Anchor, insulating and crossover tapes. Two distinct, separate windings for each primary and secondary assure excellent Hipot capability between these windings
- Dual Secondaries - Series or Parallel
- Immersed in 100% solids epoxy resin to withstand most aqueous and solvent cleaning systems
- Flammability - Bobbin and Shroud Material meets UL 94-V0
- Also available and Pin-out compatible: Prem's Domestically approved Spw-620-D Series for non-international applications



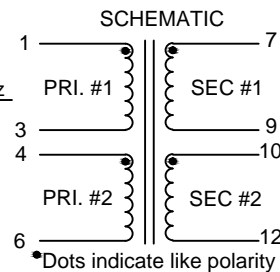
PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE USED AS ONE PRIMARY AND ONE SECONDARY WINDING WITH EITHER PARALLEL OR SERIES CONNECTION ONLY.

RMS RATING WITH SECONDARIES CONNECTED IN:

INPUT VOLTAGE 1 - 6 (TIE 3-4), 230V, 50/60Hz  
 INPUT VOLTAGE 1 - 6 (TIE 1-4, 3-6), 115V, 50/60Hz

SECONDARY PARALLEL CONNECTIONS:  
 TIE 7-10, 9-12; OUTPUT 7-12

SECONDARY SERIES CONNECTIONS:  
 TIE 9-10; OUTPUT 7-12



Part Number	VA	Series	Parallel
SPW-3620	36	10Vct @ 3.6A	5V @ 7.2A
SPW-3621	36	12.6Vct @ 2.85A	6.3V @ 5.7A
SPW-3622	36	16Vct @ 2.25A	8V @ 4.5A
SPW-3623	36	20Vct @ 1.8A	10V @ 3.6A
SPW-3624	36	24Vct @ 1.5A	12V @ 3.0A
SPW-3625	36	28Vct @ 1.3A	14V @ 2.6A
SPW-3626	36	36Vct @ 1.0A	18V @ 2.0A
SPW-3627	36	48Vct @ 750mA	24V @ 1.5A
SPW-3628	36	56Vct @ 650mA	28V @ 1.3A
SPW-3629	36	120Vct @ 300mA	60V @ 600mA

THE DESIGN OF THIS PART IS INTENDED TO MEET THE LISTED SAFETY AGENCY REQUIREMENTS. PREM HAS NOT HAD THIS PART REVIEWED, APPROVED OR LISTED BY ANY SAFETY AGENCY.

- PRI TO SEC INSULATION: REINFORCED
- PRI TO SEC CREEPAGE: 9mm MIN. (MATERIAL GROUP IIIb)
- PRI TO SEC CLEARANCE: 9mm MIN.

## SPW-3620 Series

### Notes

Designed to meet:  
 -UL 60950  
 -VDE 0805(EN 60950)

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

-3	Remove lam Dim . Correct Elec text.	02-05-15
-2	Add [mm] to Dms.	11-26-14
-1	Add refer to Bull. 214	8-25-14

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

**PREM PART SPW-3620  
 INTERNATIONAL SERIES**

Approved: R Randow

Scale: None

Date: 11/02/2009