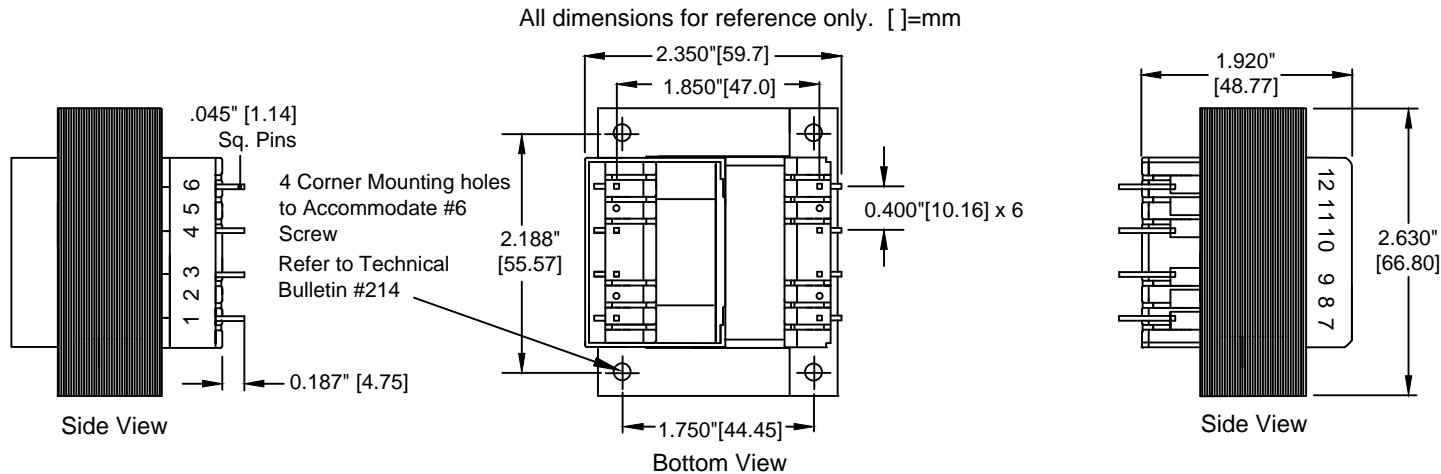


SPW-3630 Series: 35 VA International Standard Profile PC Mount Power transformers with dual 115/230V primaries and dual secondaries. These transformers are designed to provide the high isolation, creepage and clearance distances necessary to comply with international safety standards. Interchangeable 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



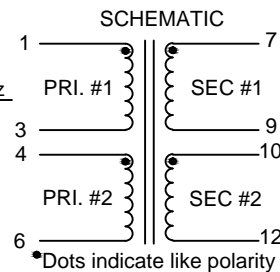
PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE USED AS ONE PRIMARY AND ONE SECONDARY WINDING WITH EITHER PARALLEL OR SERIES CONNECTION ONLY.

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-3630	35	10Vct @ 3.5A	5V @ 7.0A
SPW-3631	35	12.6Vct @ 2.80A	6.3V @ 5.6A
SPW-3632	35	16Vct @ 2.20A	8V @ 4.4A
SPW-3633	35	20Vct @ 1.75A	10V @ 3.5A
SPW-3634	35	24Vct @ 1.46A	12V @ 2.92A
SPW-3635	35	28Vct @ 1.25A	14V @ 2.5A
SPW-3636	35	36Vct @ 970mA	18V @ 1.94A
SPW-3637	35	48Vct @ 730mA	24V @ 1.46A
SPW-3638	35	56Vct @ 630mA	28V @ 1.26A
SPW-3639	35	120Vct @ 290mA	60V @ 580mA

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-3630 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-3630
 INTERNATIONAL SERIES**

Approved: R Randow

Scale: None

Date: 11/02/2009