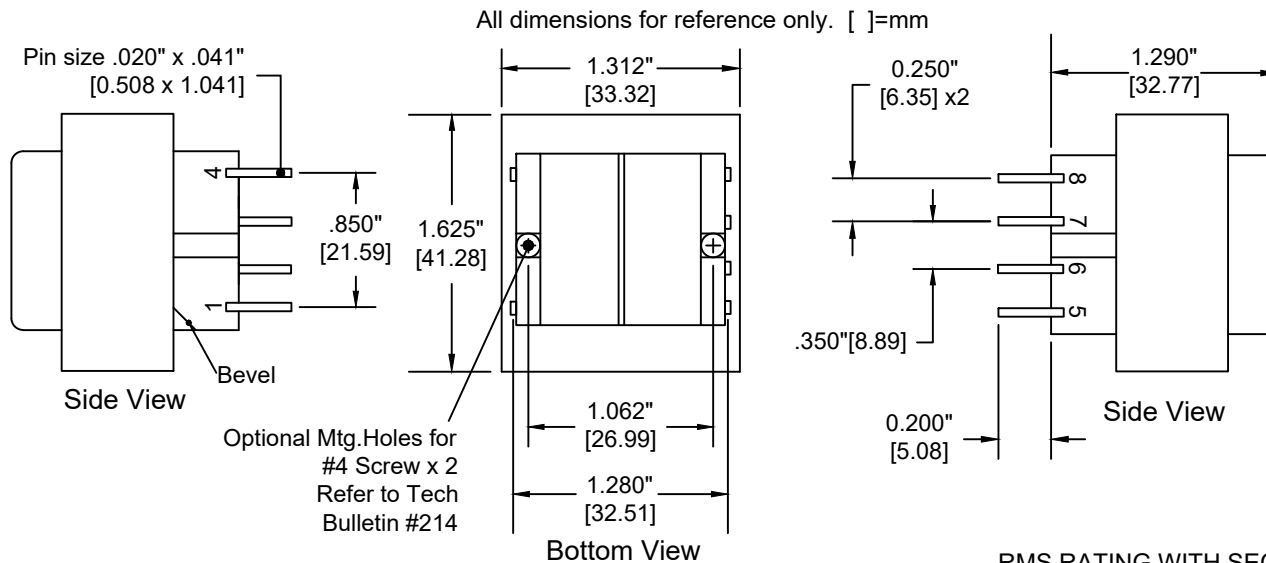


SPW-500-S Series : 6 VA Standard Profile PC Mount Power transformers with a single 115V primary and dual secondaries for Domestic power applications. Split bobbin construction provides excellent primary to secondary isolation.

- Dielectric Strength - 2500Vrms Hipot primary - secondary
- Primary - Single primary 115V, 60 Hz
- Dual Secondaries - Series or Parallel
- 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
- 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



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

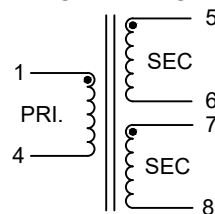
Single Primary (-S)

INPUT VOLTAGE 1 - 4 ; 115V, 60Hz

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

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

SCHEMATIC



Note: Pins 2 & 3 omitted
•Dots indicate like polarity

RMS RATING WITH SECONDARIES CONNECTED IN:

Part Number	VA	Series	Parallel
SPW-500-S	6	10Vct@600mA	5V@1.2A
SPW-501-S	6	12.6Vct@500mA	6.3V@1.0A
SPW-502-S	6	16Vct@400mA	8V@800mA
SPW-503-S	6	20Vct@300mA	10V@600mA
SPW-504-S	6	24Vct@250mA	12V@500mA
SPW-505-S	6	28Vct@200mA	14V@400mA
SPW-506-S	6	36Vct@170mA	18V@340mA
SPW-507-S	6	48Vct@125mA	24V@250mA
SPW-508-S	6	56Vct@110mA	28V@220mA
SPW-509-S	6	120Vct@50mA	60V@100mA

SPW-500-S 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.

-1 Update CSA approval 8-7-15

PREM

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

PREM PART SPW-500-S
DOMESTIC SERIES

Approved: R. RANDOW

Scale: None

Date: 03/18/2015