

Industry Standard/U.S. Domestic Series-Low Profile

Prem Magnetics, Inc. • 3521 North Chapel Hill Road • McHenry, IL 60050 • Tel. 815-385-2700 • Fax. 815-385-8578 • E-Mail. sales@premmag.com • Website. http://www.premmag.com

Low Profile - Low Price!

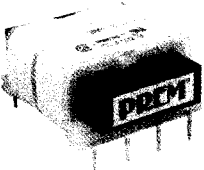
▲ Superior Design

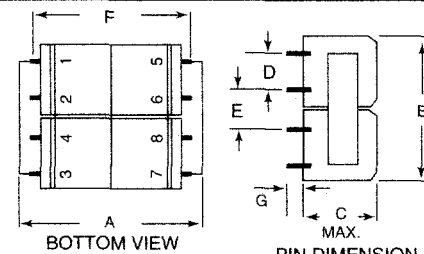
- Three flange bobbin design.
- No electrostatic shield required.
- Anchor, insulating and crossover tapes.
- Two distinct, separate windings for each primary and secondary assure excellent HIPOT capability between these dual winding.
- Immersed in 100% solids epoxy resin to withstand most aqueous and solvent cleaning systems.

▲ 100% Final Tested

- Every single transformer is tested on automated panels for induced voltage (shorted turns), exciting current, open circuit voltage (turns ratio), polarity (phasing) and dielectric strength.

Note: Other primary and secondary voltages may be custom designed to your specifications. Since 12 terminals are available, tapped primaries or secondaries may also be utilized.





BOTTOM VIEW

PIN DIMENSION
.020" X .041"
(.508 X 1.041)

| | PRI | SEC |
|---|-----|-----|
| 1 | • | 5 |
| 2 | • | 6 |
| 3 | • | 7 |
| 4 | • | 8 |

External connections:
Parallel 1-3, 2-4, 5-7, 6-8
Series 2-3, 6-7

• Indicates like polarity () = mm

HIPOT rating: 1500 VRMS from primaries to secondaries

UL - #506, #1446
CSA - #22.2 No. 66 - 1956 General Purpose

| PART | SPW-050 | SPW-100 | SPW-150 | SPW-300 |
|------|----------------|----------------|----------------|----------------|
| VA | 2.5 | 6.0 | 9.0 | 12.0 |
| A | 1.875" (47.63) | 1.875" (47.63) | 1.875" (47.63) | 2.500" (63.50) |
| B | 1.562" (39.69) | 1.562" (39.69) | 1.562" (39.69) | 2.000" (50.80) |
| C | .660" (16.76) | .850" (21.59) | 1.080" (27.43) | 1.065" (27.05) |
| D | .375" (9.53) | .375" (9.53) | .375" (9.53) | .500" (12.70) |
| E | .375" (9.53) | .375" (9.53) | .375" (9.53) | .500" (12.70) |
| F | 1.600" (40.64) | 1.600" (40.64) | 1.600" (40.64) | 2.00" (50.80) |
| G | .200" (5.08) | .200" (5.08) | .200" (5.08) | .200" (5.08) |

() = mm

| VA | PART NUMBERS | | |
|---------|--------------------------|------------------|-------------------|
| | 115V, 230 Dual Primaries | Secondary | |
| | DOMESTIC / CANADA | EUROPE | SIEMENS |
| 2.5 | SPW-050 | 5V @ 500 mA | 10V CT @ 250 mA |
| | SPW-051 | 6.3V @ 400 mA | 12.6V CT @ 200 mA |
| | SPW-052 | 8V @ 300 mA | 16V CT @ 150 mA |
| | SPW-053 | 10V @ 250 mA | 20V CT @ 125 mA |
| | SPW-054 | 12V @ 200 mA | 24V CT @ 100 mA |
| | SPW-055 | 17V @ 150 mA | 34V CT @ 75 mA |
| | SPW-056 | 20V @ 120 mA | 40V CT @ 60 mA |
| | SPW-057 | 28V @ 90 mA | 56V CT @ 45 mA |
| | SPW-058 | 44V @ 56 mA | 88V CT @ 28 mA |
| | SPW-059 | 60V @ 40 mA | 120V CT @ 20 mA |
| 6.0 | SPW-060 | 115V @ 20 mA | 230V CT @ 10 mA |
| | SPW-061 | 15V @ 170 mA | 30V CT @ 85 mA |
| | SPW-100 | 5V @ 1.2A | 10V CT @ 600 mA |
| | SPW-101 | 6.3V @ 900 mA | 12.6V CT @ 450 mA |
| | SPW-102 | 8V @ 700 mA | 16V CT @ 350 mA |
| | SPW-103 | 10V @ 600 mA | 20V CT @ 300 mA |
| | SPW-104 | 12V @ 500 mA | 24V CT @ 250 mA |
| | SPW-105 | 17V @ 340 mA | 34V CT @ 170 mA |
| | SPW-106 | 20V @ 300 mA | 40 V CT @ 150 mA |
| | SPW-107 | 28V @ 200 mA | 56V CT @ 100 mA |
| 9.0 | SPW-108 | 44V @ 130 mA | 88V CT @ 65 mA |
| | SPW-109 | 60V @ 100 mA | 120V CT @ 50 mA |
| | SPW-110 | 115V @ 50 mA | 230V CT @ 25 mA |
| | SPW-111 | 15V @ 400 mA | 30V CT @ 200 mA |
| | SPW-150 | 5V @ 1.80A | 10V CT @ 900 mA |
| | SPW-151 | 6.3V @ 1.43A | 12.6V CT @ 715 mA |
| | SPW-152 | 8V @ 1.125A | 16V CT @ 562 mA |
| | SPW-153 | 10V @ 900 mA | 20V CT @ 450 mA |
| | SPW-154 | 12V @ 750 mA | 24V CT @ 375 mA |
| | SPW-155 | 17V @ 530 mA | 34V CT @ 265 mA |
| 12.0 | SPW-156 | 20V @ 450 mA | 40V CT @ 225 mA |
| | SPW-157 | 28V @ 322 mA | 56V CT @ 161 mA |
| | SPW-158 | 44V @ 204 mA | 88V CT @ 102 mA |
| | SPW-159 | 60V @ 150 mA | 120V CT @ 75 mA |
| | SPW-160 | 115V @ 78 mA | 230V CT @ 39 mA |
| | SPW-161 | 15V @ 600 mA | 30V CT @ 300 mA |
| | SPW-300 | 5V @ 2.4A | 10V CT @ 1.2A |
| | SPW-301 | 6.3V @ 1.8A | 12.6V CT @ 900 mA |
| | SPW-302 | 8V @ 1.4A | 16V CT @ 700 mA |
| | SPW-303 | 10V @ 1.2A | 20V CT @ 600 mA |
| SPW-304 | 12V @ 1.0A | 24V CT @ 500 mA | |
| SPW-305 | 17V @ 680 mA | 34V CT @ 340 mA | |
| SPW-306 | 20V @ 600 mA | 40V CT @ 300 mA | |
| SPW-307 | 28V @ 400 mA | 56V CT @ 200 mA | |
| SPW-308 | 44V @ 260 mA | 88V CT @ 130 mA | |
| SPW-309 | 60V @ 200 mA | 120V CT @ 100 mA | |
| SPW-310 | 115V @ 100 mA | 230V CT @ 50 mA | |
| SPW-311 | 15V @ 800 mA | 30V CT @ 400 mA | |

Use Mastercard or Visa

BUY PREM DIRECT (815) 385-2700

Fax: (815) 385-8578

E-Mail: sales@premmag.com

Visit our Website: http://www.premmag.com