

## VPL25-1000

### Electrical Specifications (@25C)

1. Maximum Power: 25.0VA
2. Input Voltage – **Series**: 230VAC @ 50/60Hz, **Parallel**: 115VAC@ 50/60Hz
3. Output Voltage – **Series**<sup>1</sup>: 25.2V CT@ 0.99A, **Parallel**<sup>2</sup>: 12.6V @ 1.98A
4. Voltage Regulation: 20% TYP @ full load to no load
5. Hipot: 3500VAC between primary to secondary and windings to core.
6. Recommended Fuse<sup>3</sup>:
  - Series: Littelfuse p/n 313 1.25HXP, 1.25A 250V, slow blow,  $\frac{1}{4} \times 1 \frac{1}{4}$  or, Cooper Bussmann p/n BK/MDL-1  $\frac{1}{4}$ , 1.25A 250V,  $\frac{1}{4} \times 1 \frac{1}{4}$
  - Parallel: Littelfuse p/n 313 2.5HXP, 2.5A 250V, slow blow,  $\frac{1}{4} \times 1 \frac{1}{4}$  or, Cooper Bussmann p/n BK/MDL-2  $\frac{1}{2}$ , 2.5A 250V,  $\frac{1}{4} \times 1 \frac{1}{4}$



### Construction:

Dual winding construction with an insulated shroud, both made of a high temperature material that exceeds UL flammability requirements. Shrouds are provided over the connections of the leads to the windings on both primary and secondary coils. Devices are designed with a minimum of 6mm creepage distance between the primary and secondary and are manufactured with a Class B (130°C) insulation system.

### Agency Files:

UL File: E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3  
cUL: File E65390, For Canadian Use (CSA 22.2, No.66.1-06 and No.66.3-06)  
TUV Certificate No.: R72103639, EN60950, Information Technology



Dimensions: Units: In inches

| A     | B     | C     | D     | E    | F     |
|-------|-------|-------|-------|------|-------|
| 1.937 | 3.250 | 2.125 | 2.812 | 8.00 | 0.187 |

Weight: 1.3 lbs.

### Connections<sup>4</sup>:

**Input:** Series – BLK to BLU, Jumper WHT to BRN  
Parallel – BLK to BLU, Jumper BLK to BRN and WHT to BLU

**Output:** Series – RED to GRY, Jumper YEL to VIO  
Parallel – RED to GRY, Jumper RED to VIO and YEL to GRY

**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

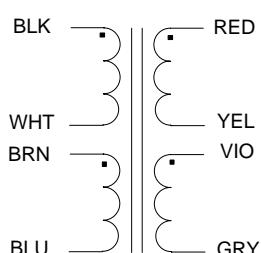
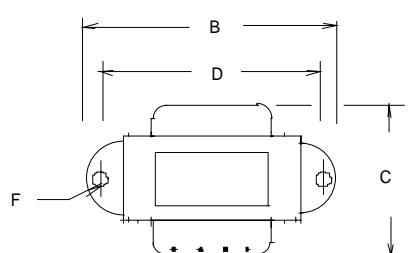
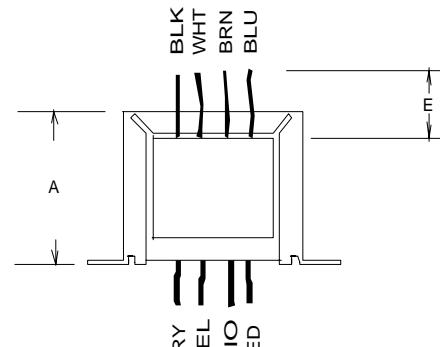
\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

<sup>1</sup> Non-Inherently limited. Class 3.

<sup>2</sup> Non-Inherently limited. Class 2 not wet, Class 3 wet.

<sup>3</sup> Fuse must be used on **secondary** as conditions of acceptability for UL Class2/3 operation.

<sup>4</sup> Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.



### SCHEMATIC

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