



MASTER  
ELECTRONICS

TRANSFORMER

Chassis Mount : International Series

## VPL25-1900

### Electrical Specifications (@25C)

1. Maximum Power: 50.0VA
2. Input Voltage – Series: 230VAC @ 50/60Hz  
Parallel: 115VAC @ 50/60Hz
3. Output Voltage – 25.2V @ 1.984A
4. Voltage Regulation: 20% TYP @ full load to no load

### Construction:

Dual bobbin 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.

### Safety:

These units are designed with 3500VAC isolation between the primary and secondary, and also, between each winding and the core. Since the dual bobbin construction effectively reduces capacitance, electrostatic shielding is not required. International Series Transformers are designed and manufactured to meet most International Safety agency standards.

Devices are manufactured with a Class B (130° C) insulation system.

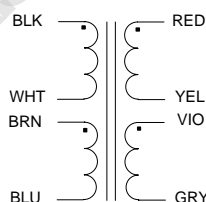
Dimensions: Units: In inches

| A     | B    | C     | D     | E    | F    |
|-------|------|-------|-------|------|------|
| 2.562 | 4.00 | 2.250 | 3.562 | 8.00 | .187 |

Weight: 2.3 lbs.

D. Mounting Holes: x 2

### Schematic:



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

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

Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.

**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

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

