# POWER TRANSFORMER
# PC MOUNT: WORLD SERIES

# VPP12–4400

**Electrical Specifications (@25C)**
1. Maximum Power: 56.0VA
2. Input: **Series:** 230VAC, 50/60Hz; **Parallel:** 115VAC, 50/60Hz
3. Output: **Series:** 12.6V CT@ 4.4A; **Parallel:** 6.3V @ 8.8A
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise: 30C TYP (45C MAX allowed)
6. Insulation Resistance: 100MΩ
7. Hipot: 4000VAC between primary to secondary and windings to core.

**Construction:**
Dual bobbin construction with an insulated shroud, both made of a high temperature material that exceeds UL flammability requirements.

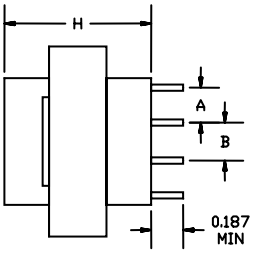
**Safety:**
Since the dual bobbin construction effectively reduces capacitance, electrostatic shielding is not required. World Series Transformers are designed and manufactured to meet the following agency approvals:

**Agency File:**
UL: File E53148, UL 5085-1 and 2 (formerly UL 506), General Purpose.
CSA: File LR 221330. C22.2 NO. 66, General Purpose.
TUV: File R72103639, EN 60950, (IEC950) information Technology Equipment.

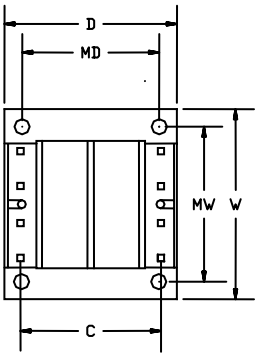
A. Dimensions: Units: In inches

| H | W | D | A | B | C | ML | MD | MW |
|---|---|---|---|---|---|---|---|---|
| 1.812 | 3.0 | 2.50 | 0.600 | 0.300 | 1.900 | - | 2.0 | 2.5 |

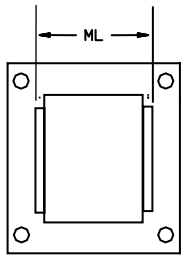
B. PIN DIM. : 0.045 SQ
C. WT Lbs. : 1.70
D. Mounting Holes: 0.180 dia. x 4



SIDE VIEW

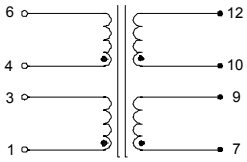


BOTTOM VIEW



TOP VIEW

**Connections**[1]**:**
**Input:** Series – Pin 1 to Pin 6, Jumper Pin 4 to Pin 3
Parallel – Pin 1 to Pin 6, Jumper Pin 1 to Pin 4 and Pin 3 to Pin 6
**Output:** Series – Pin 7 to Pin 12, Jumper Pin 9 to Pin 10
Parallel – Pin 7 to Pin 12, Jumper Pin 7 to Pin 10 and Pin 9 to Pin 12



SCHEMATIC

**RoHS Compliance:** Meets 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.

[1] Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.

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