

## POWER TRANSFORMER MOUNT: WORLD SERIES

# **VPP20-500**

### Electrical Specifications (@25C)

1. Maximum Power: 10.0VA

2. Input: Series: 230VAC, 50/60Hz; Parallel: 115VAC, 50/60Hz 3. Output: Series1: 20.0V CT@ 0.5A; Parallel2: 10.0V @ 1.0A 4. Voltage Regulation: 25% TYP @ full load to no load

5. Temperature Rise: 30C TYP (45C MAX allowed)

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.

UL: File E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3.

CSA: File LR 221330, C22.2 NO. 66, General Purpose.

TUV: File R72182067, EN 61558-1:2005+A1, EN61558-2-6:2009. Double Insulated. Non-inherently

Short-Circuit-Proof.

A. Dimensions: Units:								In inches
	Α	В	С	D	Е	F	G	Н
	1.25	1.375	0.187	0.200	0.400	1.562	1.875	1.140

B. PIN DIM.: 0.036 SQ C. WT Lbs.: 0.53

D. Mounting Holes: 0.112 dia. x 2.0

#### Connections<sup>3</sup>:

Input: Series - Pin 1 to Pin 6, Jumper Pin 4 to Pin 3

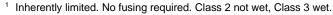
Parallel - Pin 1 to Pin 6, Jumper Pin 1 to Pin 4 and Pin 3 to Pin 6

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

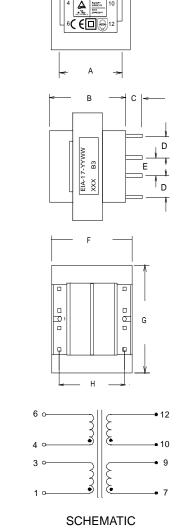
RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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



<sup>&</sup>lt;sup>2</sup> Inherently limited. No fusing required. Class 2.

<sup>&</sup>lt;sup>3</sup> Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.



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