

POWER TRANSFORMER PC MOUNT: WORLD SERIES

VPP28–180

Electrical Specifications (@25C)

- 1. Maximum Power: 5.0VA
- 2. Input: Series: 230VAC, 50/60Hz; Parallel: 115VAC, 50/60Hz
- 3. Output: Series¹: 28.0V CT@ 0.18A; Parallel²: 14.0V @ 0.36A
- 4. Voltage Regulation: 25% TYP @ full load to no load
- 5. Temperature Rise: 30C TYP (45C MAX allowed)
- 6. Insulation Resistance: $100M\dot{\Omega}$
- 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:

Units: In inches



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.

Α.	Dime	nsions:

А	В	С	D	Е	F	G	н
1.062	1.375	0.187	0.200	0.400	1.312	1.625	1.000

B. PIN DIM. : 0.025 SQ

C. WT Lbs. : 0.37

D. Mounting Holes: 0.112 dia. x 2.0

Connections³:

- 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.

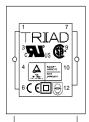
¹ Inherently limited. No fusing required. Class 3.

³ Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.

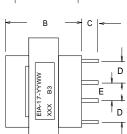
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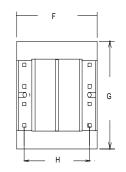
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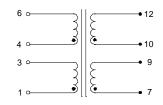




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Publish Date: August 26, 2021

² Inherently limited. No fusing required. Class 2 not wet, Class 3 wet.