

VPP28-1060

Electrical Specifications (@25C)

1. Maximum Power: 30.0VA
2. Input: **Series**: 230VAC, 50/60Hz; **Parallel**: 115VAC, 50/60Hz
3. Output: **Series**¹: 28.0V CT@ 1.06A; **Parallel**²: 14.0V @ 2.12A
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.
8. Recommended Fuse³:
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 BKMDL-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 BKMDL-2 $\frac{1}{2}$, 2.5A 250V, $\frac{1}{4} \times 1 \frac{1}{4}$



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 R72103639, EN 60950, (IEC950) information Technology Equipment.

A. Dimensions: Units: In inches

H	W	D	A	B	C	ML	MD	MW
1.562	2.625	2.187	0.550	0.275	1.680	-	1.75	2.187

B. PIN DIM. : 0.045 SQ

C. WT Lbs. : 1.15

D. Mounting Holes: 0.156 dia. x 4

Connections⁴:

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: Meets the requirements of 2002/95/EC, known as the RoHS initiative.

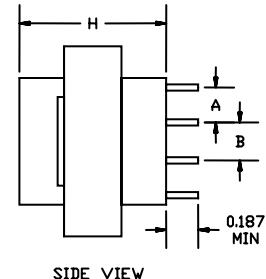
* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

¹ Non-Inherently limited. Class 3.

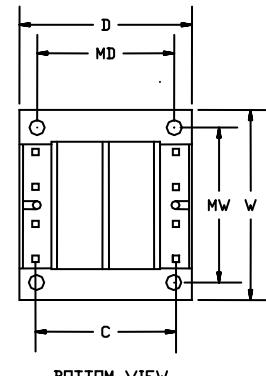
² Non-Inherently limited. Class 2 not wet, Class 3 wet.

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

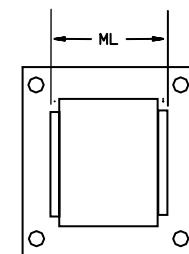
⁴ Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.



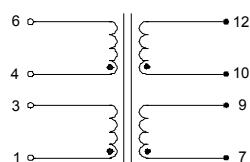
SIDE VIEW



BOTTOM VIEW



TOP VIEW



SCHEMATIC

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