

POWER TRANSFORMER PC MOUNT: WORLD SERIES

VPP24-2330

Electrical Specifications (@25C)

1. Maximum Power: 56.0VA

2. Input: **Series**: 230VAC, 50/60Hz; **Parallel**: 115VAC, 50/60Hz 3. Output: **Series**¹: 24.0V CT@ 2.33A; **Parallel**²: 12.0V @ 4.66A

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 2.5HXP, 2.5A 250V, slow blow, ¼ x 1 ¼ or, Cooper Bussmann p/n BKMDL-2½, 2.5A 250V, ¼ x 1 ¼ Parallel: Littelfuse p/n 313 5.0HXP, 5A 250V, slow blow, ¼ x 1 ¼ or, Cooper Bussmann p/n BKMDL-5, 5A 250V, ¼ x 1 ¼

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

A. Dimensions:

Н	W	D	А	В	С	ML	MD	MW
1.812	3.0	2.50	0.600	0.300	1.900	ı	2.0	2.5

B. PIN DIM.: 0.045 SQ C. WT Lbs.: 1.70

D. Mounting Holes: 0.180 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: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

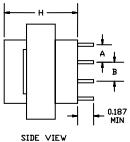
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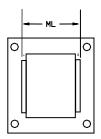
⁴ Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.



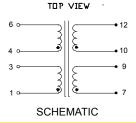
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BUTTUM VIEW



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¹ Non-Inherently limited. Class 2 not wet, Class 3 wet.

² Non-Inherently limited. Class 2.

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

Mouser Electronics

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