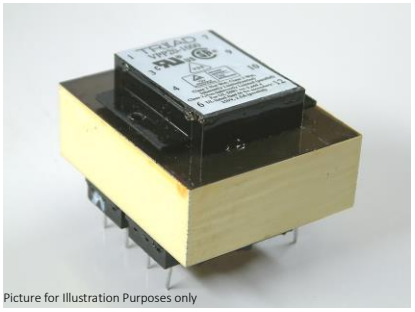
TRIAD MAGNETICS

POWER TRANSFORMER
PC MOUNT: WORLD SERIES

VPP36–070


Picture for Illustration Purposes only

Electrical Specifications (@25C)
1. Maximum Power: 2.5VA
2. Input: **Series:** 230VAC, 50/60Hz; **Parallel:** 115VAC, 50/60Hz
3. Output: **Series[1]:** 36.0V CT@ 0.07A; **Parallel[2]:** 18.0V @ 0.14A
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise: 20C TYP
6. Operating temperature: -40° to 95°C. (Low temperature mechanical shock and/or vibration should be evaluated in the application.)
7. Insulation Resistance: 100MΩ
8. 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

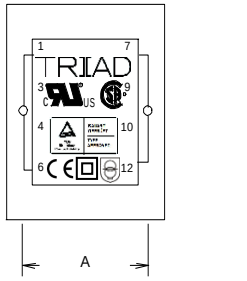
A	B	C	D	E	F	G	H
1.062	1.125	0.187	0.200	0.250	1.312	1.625	1.000

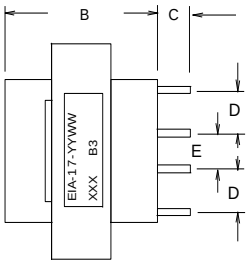
B. PIN DIM. : 0.025 SQ
C. WT Lbs. : 0.25
D. Mounting Holes: 0.112 dia. x 2.0

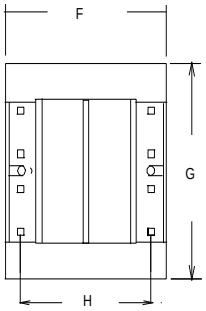
Connections[3]:
Input: Series – Pin 1 to Pin 6, Jumper Pin 4 to Pin 3
Parallel – Pin 1 to Pin 6, Jumper Pin 1 to Pin 4 and Pin 3 to Pin 6
Output: Series – Pin 7 to Pin 12, Jumper Pin 9 to Pin 10
Parallel – Pin 7 to Pin 12, Jumper Pin 7 to Pin 10 and Pin 9 to Pin 12

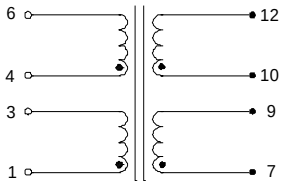
RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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









SCHEMATIC

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