

POWER TRANSFORMER CHASSIS MOUNT: TOROIDAL WORLD SERIES

VPT36-690

Electrical Specifications (@25C)

1. Maximum Power: 25VA

2. Input Voltage: Series: 230VAC, 50/60Hz

Parallel: 115VAC, 50/60Hz

3. Output Voltage: Series: 36VAC CT @ 0.69A

Parallel: 18.0VAC @ 1.38A

4. Voltage Regulation: 12% TYP from full load to no load

5. Temperature Rise: 30°C TYP

6. Hipot: 4000VAC, Primary to Secondary

7. Efficiency: 87% TYP. @ full load

Construction:

The toroidal construction inherently helps reduce stray fields, increases efficiency and minimizes size compared to traditional EI transformers. Built with Class B (130°) insulation system.

Safety:

World Series Transformers are designed and manufactured to meet most International Safety agency standards.

Agency File:

UL: File E122529, UL 506

CE: EN 61558-1:2005, EN 61558-2-6:1995, Low Voltage Directive (LVD) EN 6-000-6-6:2001+A11:2004, EN 55014-1:2000+A1:2001+A2:2002, EN 6100-6-1:2001, EN 55014-2:1997+A1:2001, Electromagnetic Compatibility (EMC)



Dimensions (mm):

H*	I.D.	O.D.
34.0 Max	19.0 Min	74.0 Max

*Add 3mm to the height for mounting hardware Weight: 0.4Kg

Mounting:

Transformer is provided with one metal mounting plate, two rubber pads, M5 x 40mm bolt, nut, spring and flat washer.

Connections:

Transformer is provided with 8" (200mm) long, 0.25" (6mm) stripped and tinned, stranded UL 1015 lead wire. Primaries are 22AWG, Secondaries are 22AWG.

Input¹: Series – BLUE and BROWN, Jumper GRAY to VIOLET

Parallel - BLUE and BROWN, Jumper BLUE to VIOLET, GRAY to BROWN

Output¹: Series – BLACK and YELLOW, Jumper RED to ORANGE

Parallel - BLACK and YELLOW, Jumper BLACK to ORANGE, RED to YELLOW

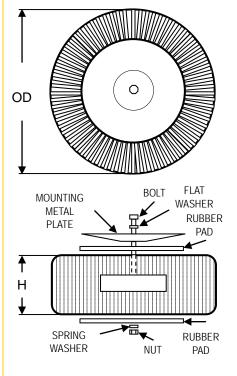
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

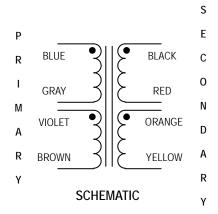
* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

Web: www.TriadMagnetics.com Phone 951-277-0757 Fax 951-277-2757

460 Harley Knox Blvd. Perris, California 92571







Publish Date: September 7, 2016

¹ Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Triad Magnetics: VPT36-690