

POWER TRANSFORMER **CHASSIS MOUNT: TOROIDAL WORLD SERIES**

VPT48-5200

Electrical Specifications (@25C)

- 1. Maximum Power: 250VA
- 2. Input Voltage: Series: 230VAC, 50/60Hz Parallel: 115VAC, 50/60Hz
- 3. Output Voltage: Series: 48VAC CT @ 5.20A
- Parallel: 24.0VAC @ 10.40A 4. Voltage Regulation: 7% TYP from full load to no load
- 5. Temperature Rise: 50°C TYP
- 6. Hipot: 4000VAC, Primary to Secondary 7. Efficiency: 90% 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.

Safetv:

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.
54.0	38.0	112.0

*Add 3mm to the height for mounting hardware Weight: 2.2Kg

Mounting:

Transformer is provided with one metal mounting plate, two rubber pads, M6 x 65mm 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 20AWG. Secondaries are 16AWG.

- 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.

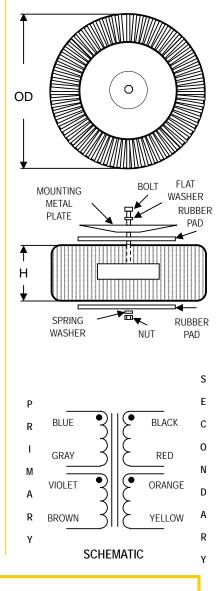
* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

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

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

460 Harley Knox Blvd. Perris, California 92571





Publish Date: August 12, 2014