



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



VPT18-2780

Electrical Specifications (@25C)

1. Maximum Power: 50VA
2. Input Voltage: **Series:** 230VAC, 50/60Hz
Parallel: 115VAC, 50/60Hz
3. Output Voltage: **Series:** 18VAC CT @ 2.78A
Parallel: 9.0VAC @ 5.56A
4. Voltage Regulation: 12% TYP from full load to no load
5. Temperature Rise: 40°C TYP
6. Hipot: 4000VAC, Primary to Secondary
7. Efficiency: 86% 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+A1:2004, 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.
36.0 Max	21.0 Min	83.0 Max

*Add 3mm to the height for mounting hardware
Weight: 0.6Kg

Mounting:

Transformer is provided with one metal mounting plate, two rubber pads, M5 x 45mm 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 20AWG.

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.

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

