

## **POWER TRANSFORMER** PC MOUNT: SPLIT PACK

# FS20-600

### **Description:**

The FS20-600 is a dual primary and dual secondary, split bobbin design which operates with either a parallel input of 115V or a series input of 230V. The output voltage will be either 20.0V with a center-tap under a 0.6A load with the secondaries wired in series, or 10V under a 1.2A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

### **Electrical Specifications (@25C)**

- 1. Maximum Power: 12.0VA
- 2. Primary: Series: 230V; Parallel: 115V
- 3. Secondary: Series: 20.0V CT@ 0.6A; Parallel: 10.0V @ 1.2A
- 4. Voltage Regulation: 25% TYP @ full load to no load
- 5. Temperature Rise: 25C TYP
- 6. Hipot tested 100% at 2500 VRMS

#### **Construction:**

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling.

#### Agency File:

UL: File E53148, UL 5085-2 (506), Class B General Purpose Transformer, cUL: File E53148, UL 5085-2 (506), Class B General Purpose Transformer, Canadian Use (CSA 22.2, No.66.2-06)

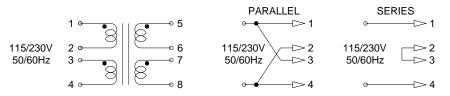
This model is also available in Class 2, UL 5085-3 (1585) version as FS20-600-C2



#### **Dimensions:** Units in inches. Н W Т A В С D Е E 1.562 1.875 0.300 0.400 1.410 1.437 0.041 0.020 0.234

Weight: 0.70 lbs

#### Schematic:



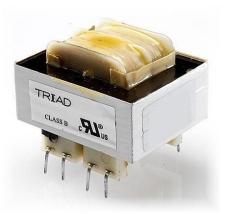
**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

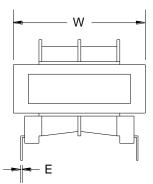
As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

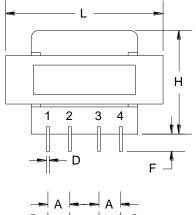
\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

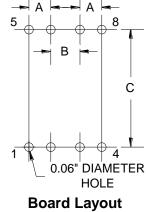
Web: www.TriadMagnetics.com
Phone 951-277-0757
Fax 951-277-2757

460 Harley Knox Blvd. Perris, California 92571









Publish Date: December 4, 2013