

# POWER TRANSFORMER PC MOUNT: SPLIT PACK

# FS10-600

# **Description:**

The FS10-600 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 10.0V with a center-tap under a 0.6A load with the secondaries wired in series, or 5.0V 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: 6.0VA

2. Primary: Series: 230V; Parallel: 115V

3. Secondary: Series: 10.0V CT@ 0.6A; Parallel: 5.0V @ 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 FS10-600-C2

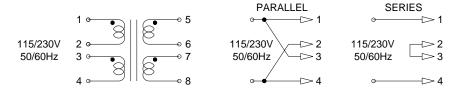


Dimensions: Units in inches.

1.312   1.312   1.625   0.250   0.350   1.280   0.041   0.020   0.23	Н	W	L	Α	В	С	D	Е	F
	1.312	1.312	1.625	0.250	0.350	1.280	0.041	0.020	0.234

Weight: 0.44 lbs

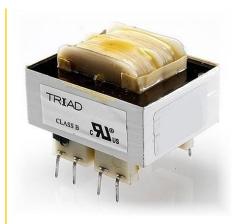
### **Schematic:**

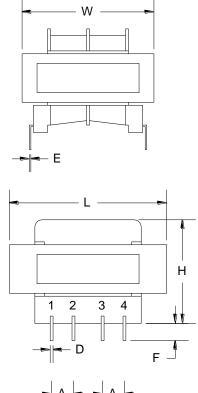


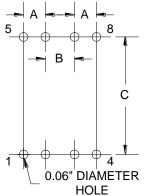
**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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. For soldering and washing information please see http://www.triadmagnetics.com/faq.html







**Board Layout**