

## POWER TRANSFORMER P.C. M.O.U.N.T.: SPLIT PACK

# FS36-65

### **Description:**

The FS36-065 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 36.0V with a center-tap under a 0.065A load with the secondaries wired in series, or 18.0V under a 0.13A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

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

1. Maximum Power: 2.5VA

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

3. Secondary: Series: 36.0V CT@ 0.065A; Parallel: 18.0V @ 0.13A

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)

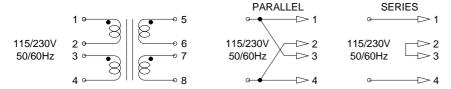
This model is also available in Class 3, UL 5085-3 (1585) version as FS36-65-C2



Dimensions:						U	Units in inches.		
Н	W	L	Α	В	С	D	Е	F	
0.937	1 125	1 375	0.250	0.250	1 200	0.041	0.020	0.234	

Weight: 0.25 lbs

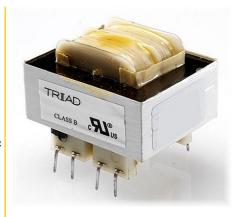
### **Schematic:**

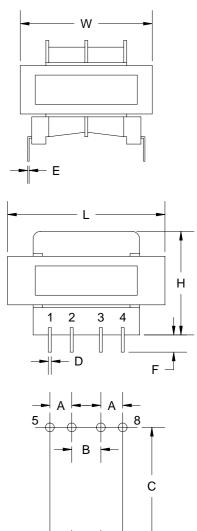


RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

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

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





**Board Layout** 

0.06" DIAMETER

HOLE

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