

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

# FS36-030

## **Description:**

The FS36-030 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 0.03A load with the secondaries wired in series, or 18.0V under a 0.06A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

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

- 1. Maximum Power: 1.1VA
- 2. Primary: Series: 230V; Parallel: 115V
- 3. Secondary: Series: 36.0V CT@ 0.03A; Parallel: 18.0V @ 0.06A
- 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)

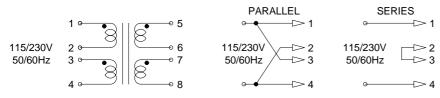
This model is also available in Class 3, UL 5085-3 (1585) version as FS36-030-C2



| Dimensions: Units in inches. |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Н                            | W     | L     | А     | В     | С     | D     | E     | F     |
| 0.937                        | 1.125 | 1.375 | 0.250 | 0.250 | 1.200 | 0.041 | 0.020 | 0.234 |
|                              |       |       |       |       |       |       |       |       |

Weight: 0.17 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.

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