

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

# FS120-02

## **Description:**

The FS120-02 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 120.0V with a center-tap under a 0.02A load with the secondaries wired in series, or 60.0V under a 0.04A 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
- 2. Primary: Series: 230V; Parallel: 115V
- 3. Secondary: Series: 120.0V CT@ 0.02A; Parallel: 60.0V @ 0.04A
- 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.

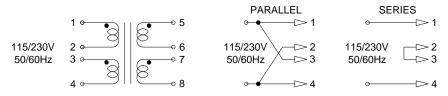
### Agency File:

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)



Dimensions: Units in inches.								
Н	W	L	А	В	С	D	Е	F
1.187	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 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

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