

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

# F12-500

## **Description:**

The F12-500 is a single primary and dual secondary, split bobbin design which operates with an input of 115V. The output voltage will be either 12.6V with a center-tap under a 0.5A load with the secondaries wired in series, or 6.3V under a 1.0A 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: 115V
- 3. Secondary: Series: 12.6V CT@ 0.5A
- Parallel: 6.3V @ 1.0A
- 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)

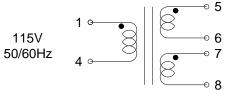
This model is also available in Class 2, UL 5085-3 (1585) version as F12-500-C2



H W L A B C D E F   1.312 1.312 1.625 0.250 0.350 1.280 0.041 0.020 0.234	Dimensions: Units in inches								
1.312 1.312 1.625 0.250 0.350 1.280 0.041 0.020 0.234	Н	W	L	А	В	С	D	E	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

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