

POWER TRANSFORMER PC MOUNT: SPLIT PACK

FS16-2250

Description:

The FS16-2250 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 16.0V with a center-tap under a 2.25A load with the secondaries wired in series, or 8.0V under a 4.5A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

Electrical Specifications (@25C)

- 1. Maximum Power: 36.0VA
- 2. Primary: Series: 230V; Parallel: 115V
- 3. Secondary: Series: 16.0V CT@ 2.25A; Parallel: 8.0V @ 4.5A
- 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)

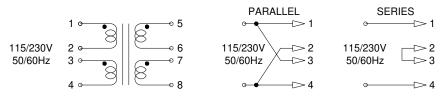
This model is also available in Class 2, UL 5085-3 (1585) version as FS16-2250-C2



| Dimensions: Units in inches | | | | | | | | hes. |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Н | W | L | А | В | С | D | E | F |
| 1.562 | 2.187 | 2.625 | 0.400 | 0.400 | 1.850 | 0.041 | 0.020 | 0.234 |

Weight: 1.10 lbs

Schematic:

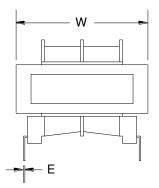


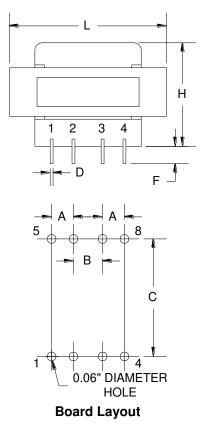
RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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







Publish Date: May 30, 2019