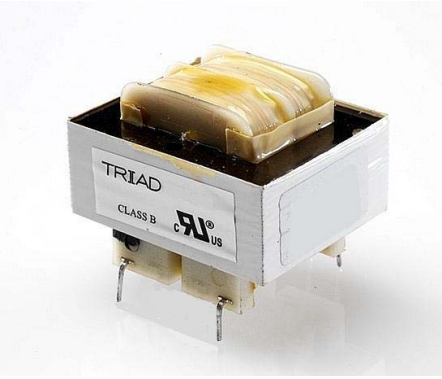
TRIAD MAGNETICS

POWER TRANSFORMER
PC MOUNT: SPLIT PACK

F16-070



Description:
The F16-070 is a single primary and dual secondary, split bobbin design which operates with an input of 115V. The output voltage will be either 16.0V with a center-tap under a 0.07A load with the secondaries wired in series, or 8.0V under a 0.14A 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: 115V, 50/60 Hz
3. Secondary: Series: 16.0V CT@ 0.07A
   Parallel: 8.0V @ 0.14A
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 F16-070-C2

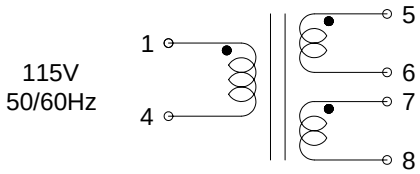
c UL us

Dimensions:
Units in inches.

H	W	L	A	B	C	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

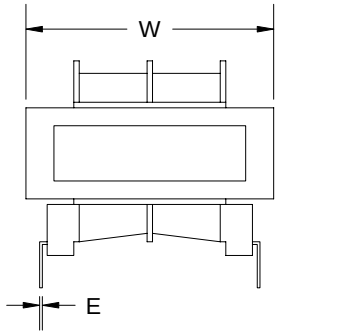
Schematic:

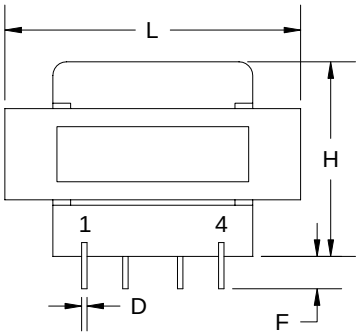


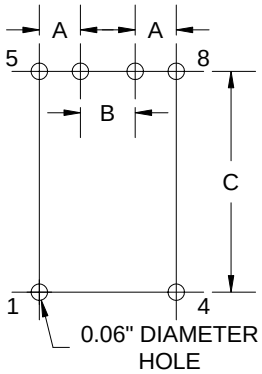
RoHS Compliance:
As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

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

* Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics’ website for the most current version.







Board Layout

Web: www.TriadMagnetics.com
Phone 951-277-0757
Fax 951-277-2757

22520B Temescal Canyon Road
Corona, California
92883

Publish Date: March 27, 2008