TRIAD MAGNETICS

POWER TRANSFORMER
PC MOUNT: SPLIT PACK

F28-700

Description:
The F28-700 is a single primary and dual secondary, split bobbin design which operates with an input of 115V. The output voltage will be either 28.0V with a center-tap under a 0.7A load with the secondaries wired in series, or 14.0V under a 1.4A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

Electrical Specifications (@25C)
1. Maximum Power: 20.0VA
2. Primary: 115V
3. Secondary: Series: 28.0V CT@ 0.7A
   Parallel: 14.0V @ 1.4A
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)

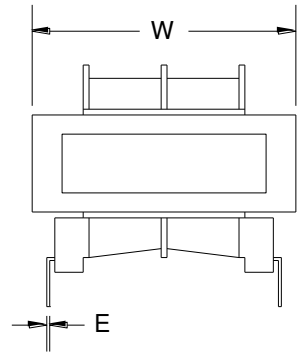
This model is also available in Class 2, UL 5085-3 (1585) version as F28-700-C2

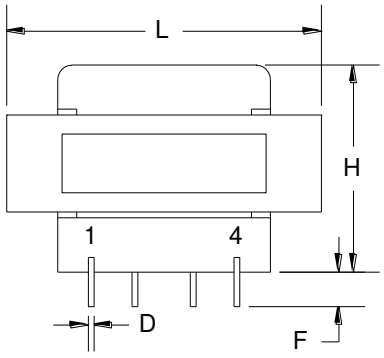
c UL us

Dimensions:
Units in inches.

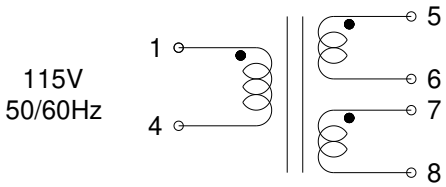
H	W	L	A	B	C	D	E	F
1.437	1.875	2.25	0.300	0.400	1.600	0.041	0.020	0.234

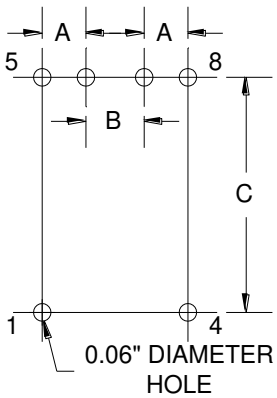
Weight: 0.80 lbs





Schematic:





Board Layout

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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