

F16-2250-C2

Description:

The F16-2250-C2 is a single primary and dual secondary, split bobbin design which operates with an input of 115V. The secondaries are 8V @ 2.25A each. They can be used independently (up to 300V difference between them) or in series for double the voltage or in parallel for double the current. The split bobbin design eliminates the need for costly electrostatic shielding.

Electrical Specifications (@25C)

1. Maximum Power: 36.0VA
2. Primary: 115V, 50/60 Hz
3. Secondaries: 8.0V @ 2.25A each
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise: 25C TYP
6. Hipot tested 100% at 4200 VRMS pri to sec
7. Hipot tested 100% at 2160 VRMS sec to sec
8. Recommended fuse (fuse on primary): Cooper/Bussman, Type MDL, rated 500mA, 250V

Construction:

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling. UL Class F Insulation System (155°C).

Agency File:

UL: File E65390, UL 5085-3 (1585), Class 2 not wet / Class 3 wet Transformer
 cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)



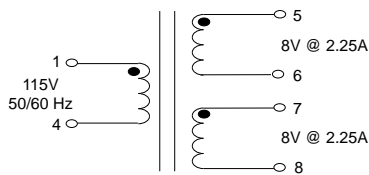
Dimensions:

Units in inches.

H	W	L	A	B	C	D	E	F
1.634 MAX	2.205 MAX	2.638 MAX	0.40±0.02	0.40±0.02	1.850±0.02	0.041	0.02	0.217±0.02

Weight: 1.10 lbs

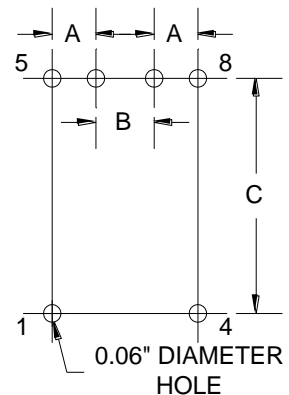
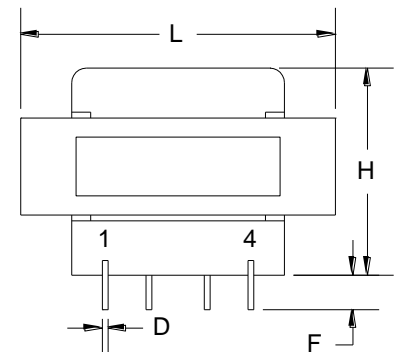
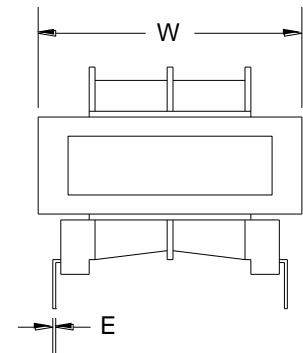
Schematic:



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>



Board Layout

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Triad Magnetics:](#)

[F16-2250-C2](#)