## FS16-070-C2

## Description:

The FS16-070-C2 is a series/parallel primary and dual secondary, split bobbin design which operates with either a parallel input of 115 V or a series input of 230 V . The secondaries are 8 V @ 0.07A each. They can be used independently (up to 300 V 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: 1.1VA
2. Primary: Series: 230V; Parallel: 115V
3. Secondaries: 8.0V @ 0.07A 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. Inherently Limited. No fusing required.

## Construction:

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling. UL Class F Insulation System $\left(155^{\circ} \mathrm{C}\right)$.

## Agency File:

UL: File E65390, UL 5085-1 \& 3 (1585), Class 2 not wet / Class 3 wet Transformer cUL: File E65390, UL 5085-1 \& 3 (1585) For Canadian Use (CSA 22.2, No.66.3-06) TUV Certificate No.: R72120839, EN61558, Safety Isolating xfmr, general use

## ${ }_{c} \mathbf{M}_{\text {us }} \Delta$ (E

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 2011/65/EU, known as the RoHS initiative.

Note: Order and shipping documentation may have a "-B" suffix; this indicates Bulk packaging but does not show on the actual part number marked on the transformer.

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


