

FS36-170-C2

Description:

The FS36-170-C2 is a series/parallel primary and dual secondary, split bobbin design which operates with either a parallel input of 115V or a series input of 230V. The secondaries are 18V @ 0.17A 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: 6.0VA
2. Primary: Series: 230V; Parallel: 115V
3. Secondaries: Series: 18.0V @ 0.17A 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): For 115V - Cooper/Bussman, Type MDL, rated 500mA, 250V. For 230V – Littlefuse, Type 313, rated 250mA, 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 5085-1 & 3 (1585), Class 3 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

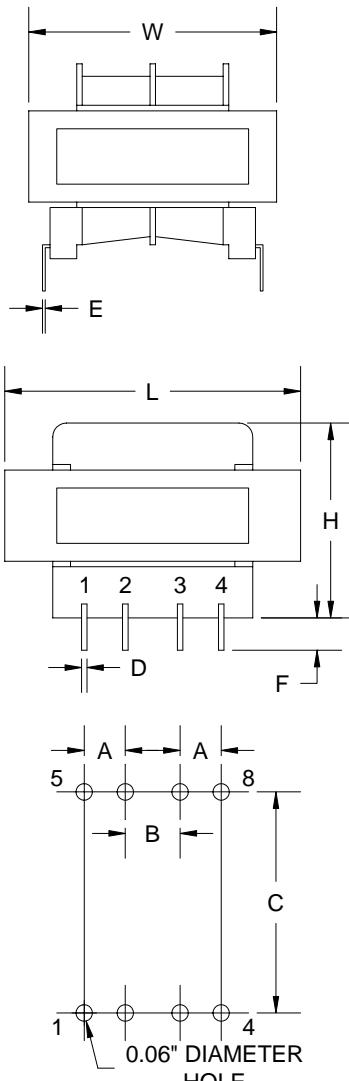


Dimensions:

H	W	L	A	B	C	D	E	F
1.312	1.312	1.625	0.250	0.350	1.280	0.041	0.020	0.234

Weight: 0.44 lbs

Units in inches.



Board Layout