

CLASS 2/3 TRANSFORMER

FS20-055-C2

Description:

The FS20-055-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 10V @ 0.055A 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: 1.1VA
- Primary: Series: 230V; Parallel: 115V
 Secondaries: 10.0V @ 0.055A 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 (155°C).

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



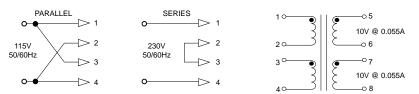




Dimensions: Units in i							nits in ind	ches.	
	Н	W	L	Α	В	С	D	Е	F
	0.937	1.125	1.375	0.250	0.250	1.200	0.041	0.020	0.234

Weight: 0.17 lbs

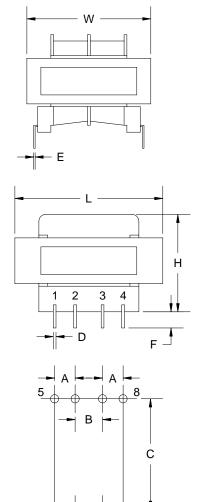
Schematic:



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.





Board Layout

0.06" DIAMETER

HOLE

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