

FD5-48

Description:

The FD5-48 Quick Pack small power transformer offers a significant reduction in size and weight over a standard transformer. This transformer can be used for a wide variety of applications. It is bobbin wound for reduced size and small operating space.

Electrical Specifications (@25C);

Maximum Power: 12.0VA

Input Voltage:

Series: 230VAC @50/60Hz

Parallel: 115VAC @50/60Hz

Output Voltage: 48VCT @.25A¹

Recommended Fuse: UL listed 250VAC, 300mA, Slo-Blo

Hipot: 2500VAC primary to secondary; 1500VAC windings to core.

Construction:

Split bobbin non concentric winding eliminates costly electrostatic shielding. Termination is suitable for quick connects or soldering. Built with UL Class B Insulation System.

Safety:

UL: File E53148, UL 5085-1 and 2 (formerly UL 506), General Purpose.

UL: File E65390, UL5085-1 and 3, Class 3



Dimensions:

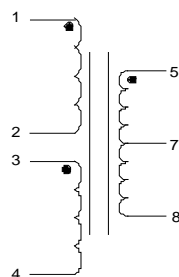
A	B	C	D	E	F	G
1.625	2.375	2.812	1.375	1.937	.187 Dia	.812

Notes: 1. Units: inches.

2. Terminal size: .187" X 0.021".

3. Weight: .70 lbs

Schematic:



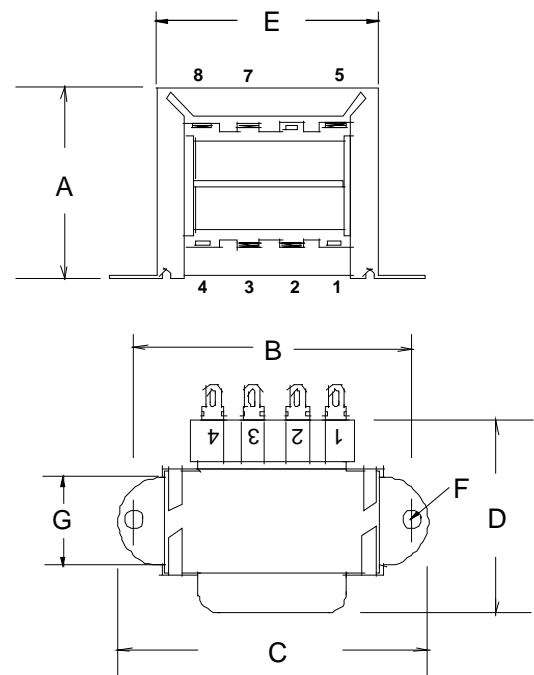
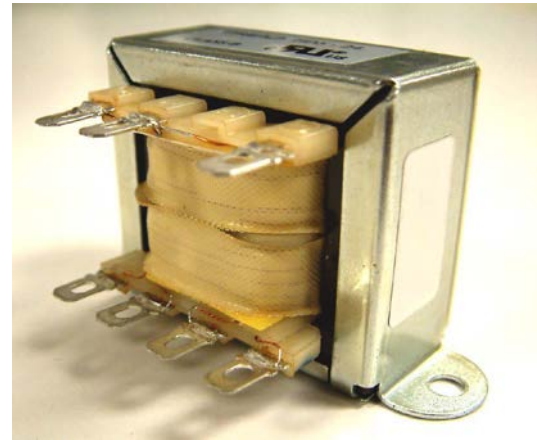
Input (115V): Input 1 & 2
Connect 1&3, 2&4

Input (230V): Input 1 & 4
Connect 2&3

Output: 5 & 8

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative..

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



¹ Fuse must be used on secondary as conditions of acceptability for UL Class 2/3 operation