

### FD5-24

#### Description:

The FD5-24 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:** 24VCT@.5A<sup>1</sup>

**Recommended Fuse:** UL listed 250VAC, 700mA, 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 a 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



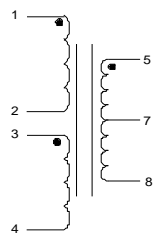
#### Dimensions: (in)

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

**Notes:** 1. Terminal size: .187" X 0.021".

2. Weight: .70 lbs

#### Schematic:



**Input (115V):** Input 1 & 2

Connect 1&3, 2&4

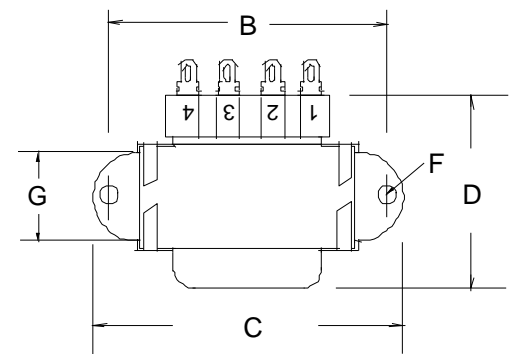
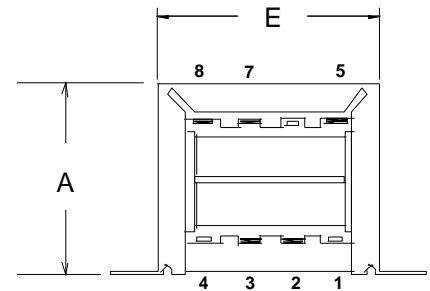
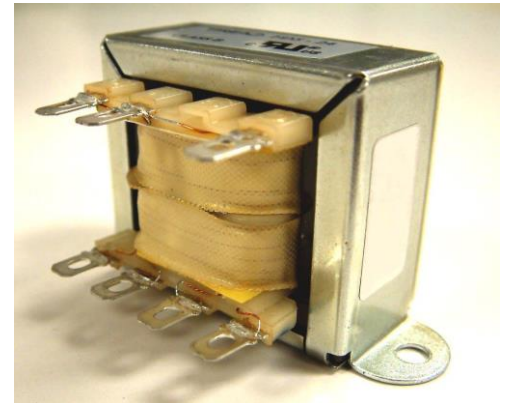
**Input (230V):** Input 1 & 4

Connect 2&3

**Output:** 5 & 8

**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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



<sup>1</sup> Fuse must be used on **secondary** as conditions of acceptability for UL Class2/3 operation.