



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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### FD6-48

#### Description:

The FD6-48 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:** 30.0VA

**Input Voltage:**

**Series:** 230VAC@50/60Hz

**Parallel:** 115VAC@50/60Hz

**Output Voltage:** 48.0VCT@0.63A<sup>1</sup>

**Recommended Fuse:** UL listed 250VAC, 800mA, 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:

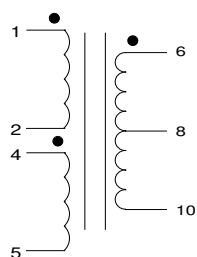
| A     | B     | C     | D     | E     | F        | G     |
|-------|-------|-------|-------|-------|----------|-------|
| 1.937 | 2.812 | 3.250 | 1.687 | 2.312 | .187 Dia | 1.062 |

**Notes:** 1. Units: inches.

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

3. Weight: 1.10 lbs

#### Schematic:



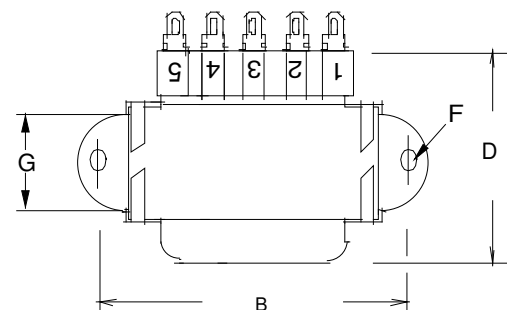
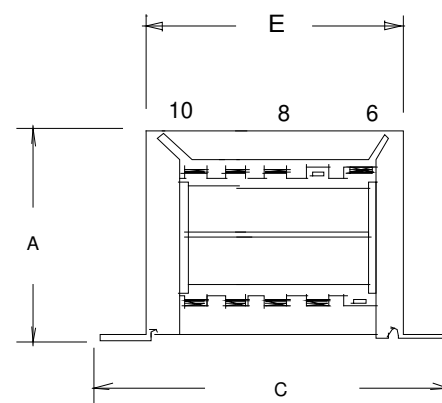
**Output:** 6 & 10

**Input (115V):** Input 1 & 2  
Connect 1&4, 2&5

**Input (230V):** Input 1 & 5  
Connect 2&4

**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.



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