



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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## F-212Z

### Electrical Specifications (@25C)

1. Maximum Power: 24.0 VA
2. Primary:
  - Series: 230V 50/60 Hz
  - Parallel: 115V 50/60 Hz
3. Secondary:
  - Series: 48.0VCT @ 0.50 Amps
  - Parallel: 24.0VCT @ 1.0 Amp
4. Voltage Regulation: 15 % TYP @ full load to no load
5. Temperature Rise: 35C TYP (45C MAX allowed)

### Description:

The F-212Z transformer is part of a series of Triad Control transformers that have secondary voltages that are commonly utilized in various electronic, electro-magnetic and electrical control systems. These include such applications as use with relays, solenoids, small motors, speed changers, pumps, heating elements, control valves for fluid and gases, fans, blowers, electronic tubes, automatic assembly equipment, recording devices, elevators, door openers, low voltage lamps, etc.

### Construction:

Wound on a single channel nylon bobbin. Materials are UL recognized, Class B (130° C) rated.

### Safety:

These products are 100% hipot tested with an insulation of 1500V between primary and secondary windings as well as between the primary / secondary windings and the core.

### Dimensions:

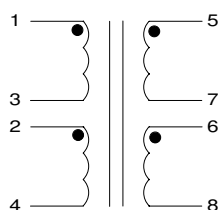
Units: In inches

| A     | B     | C    | D     |
|-------|-------|------|-------|
| 2.750 | 3.125 | 2.00 | 2.812 |

Mounting Hole: 0.187"

Weight: 1.050 lbs

### Schematic:



#### Primary:

- Series: 1 to 4, Jumper 3 to 2
- Parallel: 1 to 3, Jumper 1 to 2 and 3 to 4

#### Secondary:

- Series: 5 to 8, Jumper 7 to 6
- Parallel: 5 to 7, Jumper 5 to 6 and 7 to 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.

