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ELECTRONICS

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Jameco Part Number 629351

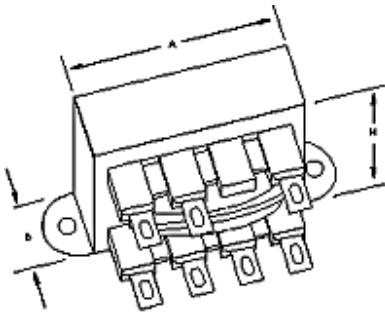
CHASSIS MOUNT - QUICK PACK

**Description:**  
The Triad Quick Pack small power transformer series from Triad Magnetics offers a significant reduction in size and weight for a given VA rating. These transformers are available in six sizes for a wide variety of applications. They are bobbin wound for reduced size and small operating space. Split bobbin nonconcentric winding eliminates costly electrostatic shielding. Termination is suitable for quick connects or soldering.

**Specifications:**

Primary: 115 V or 115/230 V, 50/60 Hz  
VA Range: 2.4 to 100.0  
Output Rating Range: 10.0V CT to 120.0V CT

Class B  
UL Recognized  
  
UL File E53148



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QUICK PACK

| Part  | Figure | VA  | Output Rating    | Dimensions |        |        |       |      |       | Wt.<br>Lbs. |
|-------|--------|-----|------------------|------------|--------|--------|-------|------|-------|-------------|
|       |        |     |                  | L          | W      | H      | A     | B    | ML    |             |
| F3-10 | A      | 2.4 | 10.0V CT @ 0.25A | 2 1/16     | 1 1/16 | 1 3/16 | 1 5/8 | 9/16 | 1 3/4 | 0.25        |
| F3-12 | A      | 2.4 | 12.6V CT @ 0.2A  | 2 1/16     | 1 1/16 | 1 3/16 | 1 5/8 | 9/16 | 1 3/4 | 0.25        |
| F3-16 | A      | 2.4 | 16.0V CT @ 0.15A | 2 1/16     | 1 1/16 | 1 3/16 | 1 5/8 | 9/16 | 1 3/4 | 0.25        |
| F3-20 | A      | 2.4 | 20.0V CT @ 0.12A | 2 1/16     | 1 1/16 | 1 3/16 | 1 5/8 | 9/16 | 1 3/4 | 0.25        |

|         |   |      |                   |         |        |        |         |       |       |      |
|---------|---|------|-------------------|---------|--------|--------|---------|-------|-------|------|
| F3-24   | A | 2.4  | 24.0V CT @ 0.1A   | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F3-28   | A | 2.4  | 28.0V CT @ 0.085A | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F3-36   | A | 2.4  | 36.0V CT @ 0.065A | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F3-48   | A | 2.4  | 48.0V CT @ 0.05A  | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F3-56   | A | 2.4  | 56.0V CT @ 0.045A | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F3-120  | A | 2.4  | 120.0V CT @ 0.02A | 2 1/16  | 1 1/16 | 1 3/16 | 1 5/8   | 9/16  | 1 3/4 | 0.25 |
| F4-10   | B | 6.0  | 10.0V CT @ 0.6A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-10  | D | 6.0  | 10.0V CT @ 0.6A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-12   | B | 6.0  | 12.6V CT @ 0.5A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-12  | D | 6.0  | 12.6V CT @ 0.5A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-16   | B | 6.0  | 16.0V CT @ 0.4A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-16  | D | 6.0  | 16.0V CT @ 0.4A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-20   | B | 6.0  | 20.0V CT @ 0.3A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-20  | D | 6.0  | 20.0V CT @ 0.3A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-24   | B | 6.0  | 24.0V CT @ 0.25A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-24  | D | 6.0  | 24.0V CT @ 0.25A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-28   | B | 6.0  | 28.0V CT @ 0.2A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-28  | D | 6.0  | 28.0V CT @ 0.2A   | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-36   | B | 6.0  | 36.0V CT @ 0.17A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-36  | D | 6.0  | 36.0V CT @ 0.17A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-48   | B | 6.0  | 48.0V CT @ 0.125A | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-48  | D | 6.0  | 48.0V CT @ 0.125A | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-56   | B | 6.0  | 56.0V CT @ 0.11A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-56  | D | 6.0  | 56.0V CT @ 0.11A  | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F4-120  | B | 6.0  | 120.0V CT @ 0.05A | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| FD4-120 | D | 6.0  | 120.0V CT @ 0.05A | 2 3/8   | 1 1/4  | 1 3/8  | 1 11/16 | 11/16 | 2     | 0.44 |
| F5-10   | B | 12.0 | 10.0V CT @ 1.2A   | 2 13/16 | 1 3/8  | 1 5/8  | 1 15/16 | 13/16 | 2 3/8 | 0.7  |
| FD5-10  | D | 12.0 | 10.0V CT @ 1.2A   | 2 13/16 | 1 3/8  | 1 5/8  | 1 15/16 | 13/16 | 2 3/8 | 0.7  |
| F5-12   | B | 12.0 | 12.6V CT @ 1.0A   | 2 13/16 | 1 3/8  | 1 5/8  | 1 15/16 | 13/16 | 2 3/8 | 0.7  |



|         |   |       |                   |         |         |         |         |        |         |      |
|---------|---|-------|-------------------|---------|---------|---------|---------|--------|---------|------|
| F6-36   | C | 30.0  | 36.0V CT @ 0.85A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| FD6-36  | E | 30.0  | 36.0V CT @ 0.85A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| F6-48   | C | 30.0  | 48.0V CT @ 0.63A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| FD6-48  | E | 30.0  | 48.0V CT @ 0.63A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| F6-56   | C | 30.0  | 56.0V CT @ 0.54A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| FD6-56  | E | 30.0  | 56.0V CT @ 0.54A  | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| F6-120  | C | 30.0  | 120.0V CT @ 0.25A | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| FD6-120 | E | 30.0  | 120.0V CT @ 0.25A | 3 1/4   | 1 11/16 | 1 15/16 | 2 5/16  | 1 1/16 | 2 13/16 | 1.1  |
| F7-10   | C | 56.0  | 10.0V CT @ 5.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-10  | E | 56.0  | 10.0V CT @ 5.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-12   | C | 56.0  | 12.6V CT @ 4.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-12  | E | 56.0  | 12.6V CT @ 4.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-16   | C | 56.0  | 16.0V CT @ 3.5A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-16  | E | 56.0  | 16.0V CT @ 3.5A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-20   | C | 56.0  | 20.0V CT @ 2.8A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-20  | E | 56.0  | 20.0V CT @ 2.8A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-24   | C | 56.0  | 24.0V CT @ 2.4A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-24  | E | 56.0  | 24.0V CT @ 2.4A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-28   | C | 56.0  | 28.0V CT @ 2.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-28  | E | 56.0  | 28.0V CT @ 2.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-36   | C | 56.0  | 36.0V CT @ 1.5A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-36  | E | 56.0  | 36.0V CT @ 1.5A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-48   | C | 56.0  | 48.0V CT @ 1.2A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-48  | E | 56.0  | 48.0V CT @ 1.2A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-56   | C | 56.0  | 56.0V CT @ 1.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-56  | E | 56.0  | 56.0V CT @ 1.0A   | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F7-120  | C | 56.0  | 120.0V CT @ 0.5A  | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| FD7-120 | E | 56.0  | 120.0V CT @ 0.5A  | 3 11/16 | 1 13/16 | 2 1/4   | 2 11/16 | 1 1/16 | 3 1/8   | 1.7  |
| F8-10   | C | 100.0 | 10.0V CT @ 10.0A  | 4 1/32  | 2 1/4   | 2 9/16  | 3 1/16  | 1 5/16 | 3 9/16  | 2.75 |

|         |   |       |                   |        |       |        |        |        |        |      |
|---------|---|-------|-------------------|--------|-------|--------|--------|--------|--------|------|
| FD8-10  | E | 100.0 | 10.0V CT @ 10.0A  | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-12   | C | 100.0 | 12.6V CT @ 8.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-12  | E | 100.0 | 12.6V CT @ 8.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-16   | C | 100.0 | 16.0V CT @ 6.25A  | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-16   | E | 100.0 | 16.0V CT @ 6.25A  | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-20   | C | 100.0 | 20.0V CT @ 5.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-20  | E | 100.0 | 20.0V CT @ 5.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-24   | C | 100.0 | 24.0V CT @ 4.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-24  | E | 100.0 | 24.0V CT @ 4.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-28   | C | 100.0 | 28.0V CT @ 3.6A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-28  | E | 100.0 | 28.0V CT @ 3.6A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-36   | C | 100.0 | 36.0V CT @ 2.8A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-36  | E | 100.0 | 36.0V CT @ 2.8A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-48   | C | 100.0 | 48.0V CT @ 2.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-48  | E | 100.0 | 48.0V CT @ 2.0A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-56   | C | 100.0 | 56.0V CT @ 1.8A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-56  | E | 100.0 | 56.0V CT @ 1.8A   | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| F8-120  | C | 100.0 | 120.0V CT @ 0.85A | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |
| FD8-120 | E | 100.0 | 120.0V CT @ 0.85A | 4 1/32 | 2 1/4 | 2 9/16 | 3 1/16 | 1 5/16 | 3 9/16 | 2.75 |

CT = Center Tap

Mounting hole size: X=3/16"

Part numbers beginning with "F" are Single Primary 115 V

Part numbers beginning with "FD" are Dual Primary 115/230 V

#### TECHNICAL NOTES:

1. Hi-pot tested at 2,500 VRMS.
2. Class B insulation for maximum temperature of 130° C.
3. Terminal size is .187" x .021".

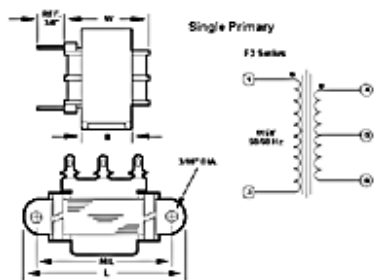


Figure A

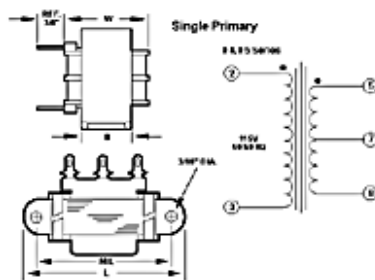


Figure B

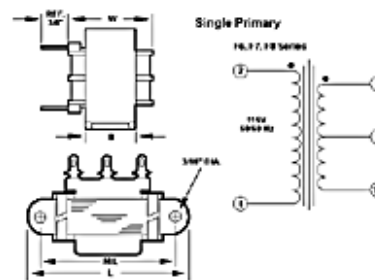


Figure C

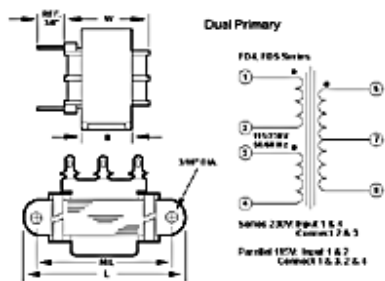


Figure D

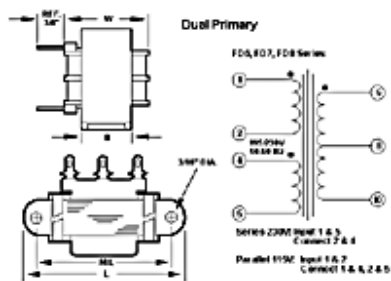


Figure E

**TRIAD**  
MAGNETICS