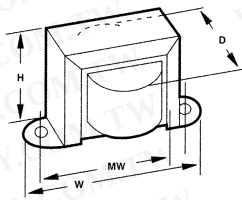
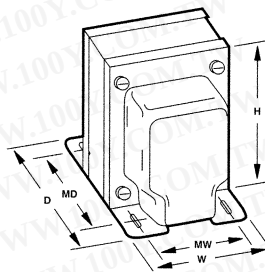


# Power Transformers

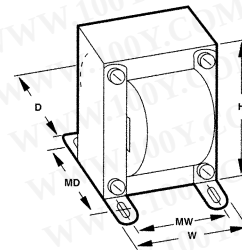
## Chassis Mount: Single Secondary



Case Type X



Case Type A



Case Type U

### :: Description

Triad offers a full choice of power supply transformers for direct use or in transformer, rectifier, or filter circuits. Other available secondary voltages include control, filament and low level signaling in standard values. The transformers are single primary with single and multiple secondaries in standard size and weight configurations.

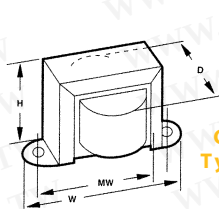
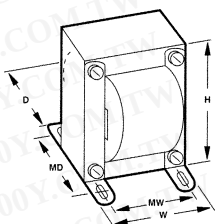
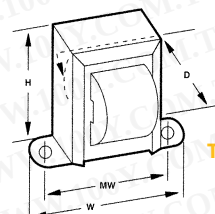
### :: Specifications

Primary: 115/230 V, 50/60 Hz

### :: Single Secondary

|   | Type No. | Secondary Volts  | Amps | Primary Voltage | RMS Test Voltage (Sec.) | Case Type | Connections  | Dimensions       |                  |                 | Mounting Dimensions |                  | Wt. Lbs. |
|---|----------|------------------|------|-----------------|-------------------------|-----------|--------------|------------------|------------------|-----------------|---------------------|------------------|----------|
|   |          |                  |      |                 |                         |           |              | H                | W                | D               | MW                  | MD               |          |
| A | F-1X#    | 2.5 CT           | 3.0  | 115             | 1,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 1 $\frac{1}{8}$ | 2 $\frac{7}{8}$     | •                | 0.68     |
|   | F-301X   | 2.5 CT           | 3.0  | 115/230         | 1,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 1 $\frac{1}{8}$ | 2 $\frac{7}{8}$     | •                | 0.68     |
|   | F-6X#    | 2.5 CT           | 6.0  | 115             | 2,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 1 $\frac{1}{4}$ | 2 $\frac{3}{16}$    | •                | 1.00     |
|   | F-3X#    | 2.5 CT           | 10.0 | 115             | 3,000                   | X         | Leads        | 2 $\frac{1}{32}$ | 3 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 3 $\frac{1}{8}$     | •                | 1.70     |
| B | F-7X     | 5.0 CT           | 3.0  | 115             | 1,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 2               | 2 $\frac{3}{16}$    | •                | 1.30     |
|   | F-8X     | 5.0 CT           | 6.0  | 115             | 1,500                   | X         | Leads        | 2 $\frac{1}{32}$ | 3 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 3 $\frac{1}{8}$     | •                | 1.70     |
|   | F-12X    | 5.0 CT           | 8.0  | 115             | 2,500                   | X         | Leads        | 2 $\frac{1}{32}$ | 4                | 2 $\frac{1}{4}$ | 3 $\frac{1}{16}$    | •                | 2.50     |
| C | F-13X    | 6.3              | 0.6  | 115             | 1,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 1 $\frac{1}{8}$ | 2                   | •                | 0.37     |
|   | F-313X   | 6.3              | 0.6  | 115/230         | 1,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{8}$  | 1 $\frac{1}{8}$ | 2                   | •                | 0.37     |
|   | F-14X#   | 6.3 CT           | 1.2  | 115             | 2,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 1 $\frac{1}{8}$ | 2 $\frac{7}{8}$     | •                | 0.70     |
|   | F-314X   | 6.3 CT           | 1.2  | 115/230         | 2,500                   | X         | Leads        | 1 $\frac{1}{8}$  | 2 $\frac{1}{16}$ | 1 $\frac{1}{8}$ | 2 $\frac{7}{8}$     | •                | 0.70     |
|   | F-16X    | 6.3 CT           | 3.0  | 115             | 2,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 2               | 2 $\frac{3}{16}$    | •                | 1.30     |
|   | F-316X   | 6.3 CT           | 3.0  | 115/230         | 2,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 2               | 2 $\frac{3}{16}$    | •                | 1.30     |
|   | F-43X#   | 6.3              | 4.0  | 115             | 1,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 2               | 2 $\frac{3}{16}$    | •                | 1.25     |
|   | F-18X    | 6.3 CT           | 6.0  | 115             | 1,500                   | X         | Leads        | 2 $\frac{1}{32}$ | 4                | 2 $\frac{1}{4}$ | 3 $\frac{1}{16}$    | •                | 2.30     |
|   | F-318X   | 6.3 CT           | 6.0  | 115/230         | 1,500                   | X         | Leads        | 2 $\frac{1}{32}$ | 4                | 2 $\frac{1}{4}$ | 3 $\frac{1}{16}$    | •                | 2.30     |
|   | F-69X    | 6.3 CT           | 8.0  | 115             | 1,500                   | X         | Leads        | 2 $\frac{1}{32}$ | 4                | 2 $\frac{1}{4}$ | 3 $\frac{1}{16}$    | •                | 2.30     |
|   | F-21A    | 6.3 CT           | 10.0 | 115             | 1,500                   | A         | 1-Leads      | 3 $\frac{1}{32}$ | 2 $\frac{3}{32}$ | 3 $\frac{1}{8}$ | 2 $\frac{1}{4}$     | 2                | 3.80     |
|   | F-22A    | 6.3 CT           | 20.0 | 115             | 2,000                   | A         | 2-Leads      | 3 $\frac{1}{8}$  | 3 $\frac{1}{32}$ | 4 $\frac{1}{8}$ | 2 $\frac{1}{2}$     | 3                | 7.00     |
| D | F-28U†   | 7.5 CT or 6.3 CT | 25.0 | 115             | 3,000                   | U         | Leads & Lugs | 4 $\frac{1}{8}$  | 3 $\frac{1}{16}$ | 3 $\frac{1}{8}$ | 3                   | 3 $\frac{1}{16}$ | 7.50     |
| E | F-180X   | 10.0 CT          | 1.0  | 115             | 1,500                   | X         | Leads        | 1 $\frac{1}{16}$ | 3 $\frac{1}{16}$ | 1 $\frac{1}{4}$ | 2 $\frac{3}{16}$    | •                | 0.90     |
|   | F-31X    | 10.0 CT          | 3.0  | 115             | 2,000                   | X         | Leads        | 2 $\frac{1}{32}$ | 3 $\frac{1}{4}$  | 2 $\frac{1}{8}$ | 3 $\frac{1}{8}$     | •                | 1.70     |

# 60 Hz    †Tapped primary to produce lower voltages    CT = Center Tap    Mounting hole sizes: X =  $\frac{7}{16}$ "    U =  $\frac{13}{64}$ " x  $\frac{3}{8}$ "    A =  $\frac{3}{8}$ " x  $\frac{3}{16}$ "

Case  
Type XCase  
Type UCase  
Type Z

## :: Single Secondary continued

| Section | Type No. | Secondary                     |        | Primary Voltage | RMS Test Voltage (Sec.) | Case Type | Connections | Dimensions |    |    | Mounting Dimensions |    | Wt. Lbs. |
|---------|----------|-------------------------------|--------|-----------------|-------------------------|-----------|-------------|------------|----|----|---------------------|----|----------|
|         |          | Volts                         | Amps   |                 |                         |           |             | H          | W  | D  | MW                  | MD |          |
| A       | F-96U    | 10.0 CT                       | 6.000  | 115             | 1,500                   | U         | Leads       | 3          | 2½ | 2¼ | 2                   | 2⅝ | 2.10     |
|         | F-97U    | 10.0 CT                       | 8.000  | 115             | 1,500                   | U         | Leads       | 3⅞         | 2⅝ | 3  | 2¼                  | 2½ | 4.00     |
| B       | F-113X   | 12.0                          | 0.150  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1⅝ | 2                   | •  | 0.40     |
|         | F-216X#  | 12.0                          | 0.350  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1⅝ | 2                   | •  | 0.37     |
|         | F-114X   | 12.0                          | 0.700  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1⅝ | 2½                  | •  | 0.80     |
|         | F-217X#  | 12.0                          | 1.200  | 115             | 1,500                   | X         | Leads       | 2          | 3¼ | 1¾ | 2⅝                  | •  | 1.00     |
|         | F-218X#  | 12.0                          | 2.000  | 115             | 1,500                   | X         | Leads       | 2          | 3¼ | 1⅞ | 2½                  | •  | 1.13     |
|         | F-219X#  | 12.0                          | 4.000  | 115             | 1,500                   | X         | Leads       | 2⅞         | 4  | 2¼ | 3⅝                  | •  | 2.30     |
|         | F-220U#  | 12.0                          | 6.000  | 115             | 1,500                   | U         | Leads       | 3⅞         | 2⅝ | 2½ | 2¼                  | 2½ | 3.50     |
|         | F-221U#  | 12.0                          | 8.000  | 115             | 1,500                   | U         | Leads       | 3⅝         | 3½ | 2½ | 2¼                  | 2½ | 4.00     |
| C       | F-29U†   | 12.0 CT or 11.0 CT or 10.0 CT | 11.0   | 115             | 3,000                   | U         | Leads       | 4⅞         | 3½ | 3⅞ | 2¼                  | 2⅝ | 6.50     |
| D       | F-70X    | 12.6 CT                       | 1.000  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 1¾ | 2⅝                  | •  | 1.30     |
|         | F-25X    | 12.6 CT                       | 1.500  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.30     |
|         | F-325X   | 12.6 CT                       | 1.500  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.30     |
|         | F-44X#   | 12.6 CT                       | 2.000  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.25     |
|         | F-344X   | 12.6 CT                       | 2.000  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.25     |
|         | F-26X#   | 12.6 CT                       | 2.500  | 115             | 1,500                   | X         | Leads       | 2⅞         | 3⅝ | 2  | 3⅝                  | •  | 1.55     |
|         | F-326X   | 12.6 CT                       | 2.500  | 115/230         | 1,500                   | X         | Leads       | 2⅞         | 3⅝ | 2  | 3⅝                  | •  | 1.55     |
|         | F-224X#  | 12.6                          | 3.000  | 115             | 1,500                   | X         | Leads       | 2¼         | 3¼ | 2⅝ | 3⅝                  | •  | 1.60     |
|         | F-225X#  | 12.6                          | 4.000  | 115             | 1,500                   | X         | Leads       | 2⅞         | 4  | 2⅞ | 3⅝                  | •  | 2.30     |
|         | F-3181U  | 12.6 CT                       | 4.000  | 115/230         | 1,500                   | U         | Leads       | 3⅞         | 2⅝ | 2⅞ | 2                   | 2  | 2.30     |
|         | F-182U   | 12.6 CT                       | 6.000  | 115             | 1,500                   | U         | Leads       | 3⅝         | 2⅝ | 1⅞ | 2¼                  | 2⅝ | 3.80     |
|         | F-183U   | 12.6 CT                       | 8.000  | 115             | 1,500                   | U         | Leads       | 3⅝         | 3⅞ | 2⅞ | 2½                  | 2¼ | 5.00     |
| E       | F-112X   | 14.0 CT                       | 0.250  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1⅝ | 2                   | •  | 0.40     |
|         | F-3112X  | 14.0 CT                       | 0.250  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1½ | 2                   | •  | 0.30     |
|         | F-250X   | 14.0 CT                       | 1.000  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3¼ | 1¾ | 2⅝                  | •  | 1.20     |
|         | F-251X   | 14.0 CT                       | 2.000  | 115             | 1,500                   | X         | Leads       | 2¼         | 3⅝ | 1⅞ | 3⅝                  | •  | 1.50     |
|         | F-252U   | 14.0 CT                       | 4.000  | 115             | 1,500                   | U         | Leads       | 3          | 2½ | 2⅞ | 2                   | 2¼ | 3.00     |
|         | F-253U   | 14.0 CT                       | 6.000  | 115             | 1,500                   | U         | Leads       | 3¼         | 2⅝ | 2⅞ | 2¼                  | 2½ | 4.00     |
| F       | F-254X   | 20.0 CT                       | 1.000  | 115             | 1,500                   | X         | Leads       | 2¼         | 3⅝ | 1⅞ | 3¼                  | •  | 1.50     |
|         | F-255X   | 20.0 CT                       | 2.000  | 115             | 1,500                   | X         | Leads       | 2⅞         | 4  | 2¼ | 3⅝                  | •  | 2.50     |
|         | F-256U   | 20.0 CT                       | 4.000  | 115             | 1,500                   | U         | Leads       | 3¼         | 2⅝ | 2⅞ | 2½                  | •  | 4.00     |
|         | F-257U   | 20.0 CT                       | 6.000  | 115             | 1,500                   | U         | Leads       | 3¼         | 3⅝ | 3⅝ | 2½                  | 2⅝ | 5.70     |
|         | F-258U   | 20.0 CT                       | 8.000  | 115             | 1,500                   | U         | Leads       | 3¼         | 3⅝ | 3½ | 2½                  | 2⅝ | 6.40     |
|         | F-259U   | 20.0 CT                       | 10.000 | 115             | 1,500                   | U         | Leads       | 4⅞         | 3⅞ | 3½ | 2¼                  | 2¼ | 7.40     |
| G       | F-115X   | 24.0 CT                       | 0.085  | 115             | 1,500                   | X         | Leads       | 1⅞         | 2⅞ | 1⅝ | 1¾                  | •  | 0.30     |
|         | F-3115X  | 24.0 CT                       | 0.085  | 115/230         | 1,500                   | X         | Leads       | 1⅞         | 2⅞ | 1⅝ | 1¾                  | •  | 0.30     |
|         | F-116X   | 24.0 CT                       | 0.200  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1½ | 2                   | •  | 0.45     |
|         | F-3116X  | 24.0 CT                       | 0.200  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1½ | 2                   | •  | 0.45     |
|         | F-117X   | 24.0 CT                       | 0.400  | 115             | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1⅝ | 2⅝                  | •  | 0.80     |
|         | F-3117X  | 24.0 CT                       | 0.400  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 2⅝ | 1½ | 2⅝                  | •  | 0.75     |
|         | F-118X   | 24.0 CT                       | 0.700  | 115             | 1,500                   | X         | Leads       | 2          | 3¼ | 2  | 2⅝                  | •  | 1.30     |
|         | F-3118X  | 24.0 CT                       | 0.700  | 115/230         | 1,500                   | X         | Leads       | 2          | 3¼ | 2  | 2⅝                  | •  | 1.30     |
|         | F-45X#   | 24.0 CT                       | 1.000  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.30     |
|         | F-345X   | 24.0 CT                       | 1.000  | 115/230         | 1,500                   | X         | Leads       | 1⅝         | 3⅞ | 2  | 2⅝                  | •  | 1.30     |
|         | F-46X#   | 24.0                          | 1.000  | 115             | 1,500                   | X         | Leads       | 1⅝         | 3¼ | 2⅞ | 2⅝                  | •  | 1.40     |
|         | F-229X#  | 24.0                          | 2.000  | 115             | 1,500                   | X         | Leads       | 2⅞         | 4  | 2  | 3⅝                  | •  | 2.30     |
|         | F-192X   | 24.0 CT                       | 2.000  | 115             | 1,500                   | X         | Leads       | 2⅞         | 4  | 2¼ | 3⅝                  | •  | 2.30     |
|         | F-193U   | 24.0 CT                       | 4.000  | 115             | 1,500                   | U         | Leads       | 2⅝         | 3⅝ | 2⅝ | 2½                  | 2⅝ | 4.00     |
|         | F-260U   | 24.0 CT                       | 6.000  | 115             | 1,500                   | U         | Leads       | 3¼         | 3⅝ | 3½ | 2½                  | 2⅝ | 6.40     |
|         | F-261U   | 24.0 CT                       | 8.000  | 115             | 1,500                   | U         | Leads       | 4⅞         | 3⅞ | 3½ | 2¼                  | 2¼ | 7.40     |
|         | F-401U   | 24.0 CT                       | 10.000 | 115             | 1,500                   | U         | Leads       | 4⅞         | 3⅞ | 3¼ | 2¼                  | 3  | 8.00     |
|         | F-226U#  | 24.0 CT                       | 12.000 | 115             | 1,500                   | U         | Leads       | 4⅞         | 3¼ | 4⅞ | 3                   | 3¼ | 10.40    |
|         | F-1000U  | 24.0 CT                       | 21.000 | 115/230         | 1,500                   | U         | Leads       | 4⅞         | 3¼ | 4⅞ | 3                   | 3¼ | 10.40    |



## :: Single Secondary continued

| Section | Type No. | Secondary |        | Primary Voltage | RMS Test Voltage (Sec.) | Case Type | Connections | Dimensions                     |                                |                                | Mounting Dimensions            |                               | Wt. Lbs. |
|---------|----------|-----------|--------|-----------------|-------------------------|-----------|-------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|----------|
|         |          | Volts     | Amps   |                 |                         |           |             | H                              | W                              | D                              | MW                             | MD                            |          |
| A       | F-57X    | 25.2 CT   | 1.000  | 117             | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.50     |
|         | F-357X   | 25.2 CT   | 1.000  | 115/230         | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.50     |
|         | F-41X#   | 25.2 CT   | 2.000  | 115             | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.20     |
|         | F-341X   | 25.2 CT   | 2.000  | 115/230         | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.20     |
|         | F-56X    | 25.2 CT   | 2.800  | 115             | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.50     |
| B       | F-119X   | 26.8 CT   | 0.150  | 115             | 1,500                   | X         | Leads       | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>8</sub>  | 1 <sup>1</sup> / <sub>2</sub>  | 2                              | •                             | 0.45     |
|         | F-40X#   | 26.8 CT   | 1.000  | 115             | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.30     |
|         | F-340X   | 26.8 CT   | 1.000  | 115/230         | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.30     |
|         | F-55X    | 26.8 CT   | 1.700  | 115             | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.30     |
|         | F-355X   | 26.8 CT   | 1.700  | 115/230         | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.30     |
| C       | F-122X   | 28.0 CT   | 0.175  | 115             | 1,500                   | X         | Leads       | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>8</sub>  | 1 <sup>1</sup> / <sub>2</sub>  | 2                              | •                             | 0.35     |
|         | F-124X   | 28.0 CT   | 0.800  | 115             | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.00     |
|         | F-184X   | 28.0 CT   | 1.000  | 115             | 1,500                   | X         | Leads       | 2 <sup>7</sup> / <sub>16</sub> | 3 <sup>9</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | •                             | 1.40     |
|         | F-3185U  | 28.0 CT   | 2.000  | 115/230         | 1,500                   | X         | Leads       | 3 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>7</sup> / <sub>16</sub> | 2                              | 2 <sup>1</sup> / <sub>4</sub> | 2.90     |
|         | F-187U   | 28.0 CT   | 4.000  | 115             | 1,500                   | U         | Leads       | 3 <sup>1</sup> / <sub>2</sub>  | 2 <sup>7</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>4</sub> | 5.30     |
| D       | F-188X   | 35.0 CT   | 0.100  | 115             | 1,500                   | X         | Leads       | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>8</sub>  | •                             | 0.35     |
|         | F-228X#  | 35.0 CT   | 0.300  | 115             | 1,500                   | X         | Leads       | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>8</sub>  | •                             | 0.60     |
|         | F-189X   | 35.0 CT   | 0.500  | 115             | 1,500                   | X         | Leads       | 2 <sup>7</sup> / <sub>16</sub> | 3 <sup>9</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>8</sub>  | •                             | 1.00     |
|         | F-54X    | 35.0 CT   | 1.500  | 115             | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.20     |
|         | F-354X   | 35.0 CT   | 1.500  | 115/230         | 1,500                   | X         | Leads       | 2 <sup>9</sup> / <sub>32</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.20     |
|         | F-191U   | 35.0 CT   | 4.000  | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>2</sub> | 6.00     |
|         | F-268U   | 35.0 CT   | 8.000  | 115             | 1,500                   | U         | Leads       | 4 <sup>1</sup> / <sub>2</sub>  | 3 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>4</sub>  | 3                              | 3 <sup>3</sup> / <sub>4</sub> | 11.00    |
| E       | F-270X   | 40.0 CT   | 1.000  | 115             | 1,500                   | X         | Leads       | 2 <sup>7</sup> / <sub>16</sub> | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | •                             | 2.60     |
|         | F-271U   | 40.0 CT   | 2.000  | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 2 <sup>7</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>3</sup> / <sub>8</sub> | 4.00     |
|         | F-272U   | 40.0 CT   | 4.000  | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>3</sup> / <sub>8</sub> | 6.40     |
|         | F-273U   | 40.0 CT   | 6.000  | 115             | 1,500                   | U         | Leads       | 4 <sup>1</sup> / <sub>2</sub>  | 3 <sup>3</sup> / <sub>4</sub>  | 4                              | 3                              | 3                             | 10.00    |
|         | F-275U   | 40.0 CT   | 10.000 | 115             | 1,500                   | U         | Leads       | 5 <sup>3</sup> / <sub>8</sub>  | 4 <sup>3</sup> / <sub>8</sub>  | 4 <sup>1</sup> / <sub>2</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 3 <sup>3</sup> / <sub>8</sub> | 14.50    |
| F       | F-59X    | 60.0 CT   | 0.400  | 115             | 1,500                   | X         | Leads       | 1 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 2                              | 2 <sup>3</sup> / <sub>16</sub> | •                             | 1.30     |
|         | F-279U   | 60.0 CT   | 1.000  | 115             | 1,500                   | U         | Leads       | 3                              | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>7</sup> / <sub>8</sub>  | 2                              | 2 <sup>3</sup> / <sub>8</sub> | 3.40     |
|         | F-280U   | 60.0 CT   | 2.000  | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>3</sup> / <sub>8</sub> | 5.60     |
|         | F-282U   | 60.0 CT   | 6.000  | 115             | 1,500                   | U         | Leads       | 5 <sup>1</sup> / <sub>4</sub>  | 4 <sup>3</sup> / <sub>8</sub>  | 4 <sup>3</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 2 <sup>3</sup> / <sub>8</sub> | 12.50    |

# 60 Hz CT = Center Tap Mounting hole sizes: X =  $\frac{3}{16}$ " U =  $\frac{1}{64}$ " X  $\frac{3}{8}$ "

## :: Multiple Secondary

| Section | Type No. | Secondary |       | Primary Voltage | RMS Test Voltage (Sec.) | Case Type | Connections | Dimensions                     |                                |                                | Mounting Dimensions            |                               | Wt. Lbs. |
|---------|----------|-----------|-------|-----------------|-------------------------|-----------|-------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|----------|
|         |          | Volts     | Amps  |                 |                         |           |             | H                              | W                              | D                              | MW                             | MD                            |          |
| G       | F-235Z#  | 12.0 CT   | 0.250 | 115             | 1,500                   | Z         | Lugs        | 2                              | 2 <sup>1</sup> / <sub>8</sub>  | 1 <sup>1</sup> / <sub>16</sub> | 2                              | •                             | 0.6      |
|         |          | 12.0 CT   | 0.250 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
|         | F-236Z#  | 12.0 CT   | 0.500 | 115             | 1,500                   | Z         | Lugs        | 2 <sup>7</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>8</sub>  | 1 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>8</sub>  | •                             | 0.9      |
|         |          | 12.0 CT   | 0.500 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| H       | F-237Z#  | 12.0 CT   | 1.000 | 115             | 1,500                   | Z         | Lugs        | 2 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>8</sub>  | •                             | 1.1      |
|         |          | 12.0 CT   | 1.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
|         | F-241U#f | 18.0 CT   | 1.000 | 115             | 1,500                   | U         | Lugs        | 2 <sup>1</sup> / <sub>2</sub>  | 3                              | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>1</sup> / <sub>2</sub>  | 2                             | 2.2      |
|         |          | 18.0 CT   | 1.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| I       | F-243U#f | 18.0 CT   | 4.000 | 115             | 1,500                   | U         | Lugs        | 3 <sup>1</sup> / <sub>2</sub>  | 4 <sup>1</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>4</sub> | 5.2      |
|         |          | 18.0 CT   | 4.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
|         | F-244U#f | 18.0 CT   | 8.000 | 115             | 1,500                   | U         | Lugs        | 3 <sup>3</sup> / <sub>4</sub>  | 4 <sup>1</sup> / <sub>2</sub>  | 4                              | 3 <sup>3</sup> / <sub>4</sub>  | 2 <sup>3</sup> / <sub>4</sub> | 8.3      |
|         |          | 18.0 CT   | 8.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| J       | F-195X   | 32.0 CT   | 0.250 | 115             | 1,500                   | X         | Leads       | 2 <sup>1</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | •                             | 1.3      |
|         |          | 15.5 CT   | 0.750 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| K       | F-196U   | 32.0 CT   | 1.000 | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>8</sub>  | 2 <sup>1</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>4</sub> | 4.0      |
|         |          | 15.5 CT   | 2.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| L       | F-197U   | 32.0 CT   | 1.000 | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | 2 <sup>5</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>1</sup> / <sub>4</sub> | 4.7      |
|         |          | 15.0 CT   | 4.0   |                 |                         |           |             |                                |                                |                                |                                |                               |          |
| M       | F-198U   | 32.0 CT   | 1.000 | 115             | 1,500                   | U         | Leads       | 3 <sup>3</sup> / <sub>4</sub>  | 3 <sup>3</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>16</sub> | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>1</sup> / <sub>4</sub> | 6.2      |
|         |          | 15.0 CT   | 6.000 |                 |                         |           |             |                                |                                |                                |                                |                               |          |

f Windings may be connected in series to obtain their combined voltage when properly phased. Current will be equal to the current of the lowest winding. Example: Two 6.3 V windings @ 2A in series would be 12.6 V @ 2A. Windings may also be connected in parallel to obtain combined current. Example: Two 6.3 V windings @ 2A in parallel would be 6.3 V @ 4A. # 60 Hz CT = Center Tap Mounting hole sizes X =  $\frac{3}{16}$ " U =  $\frac{1}{64}$ " X  $\frac{3}{8}$ " Z =  $\frac{3}{16}$ "

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)