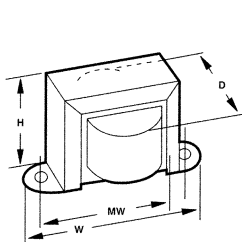
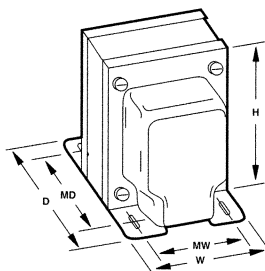


Power Transformers

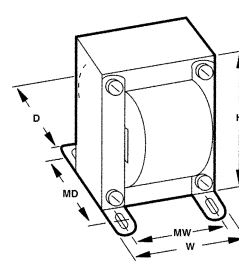
Chassis Mount: Single Secondary



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.

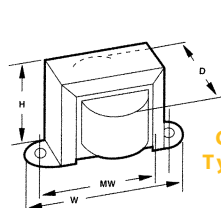
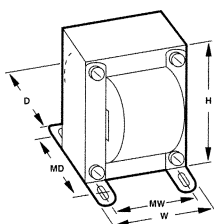
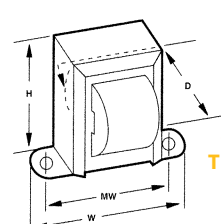
:: Specifications

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 $\frac{3}{16}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	•	0.68
	F-301X	2.5 CT	3.0	115/230	1,500	X	Leads	1 $\frac{1}{8}$	2 $\frac{3}{16}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	•	0.68
	F-6X#	2.5 CT	6.0	115	2,500	X	Leads	1 $\frac{1}{2}$	3 $\frac{3}{16}$	1 $\frac{1}{8}$	2 $\frac{3}{16}$	•	1.00
	F-3X#	2.5 CT	10.0	115	3,000	X	Leads	2 $\frac{1}{32}$	3 $\frac{3}{4}$	2 $\frac{1}{8}$	3 $\frac{3}{8}$	•	1.70
B	F-7X	5.0 CT	3.0	115	1,500	X	Leads	1 $\frac{1}{16}$	3 $\frac{3}{16}$	2	2 $\frac{3}{16}$	•	1.30
	F-8X	5.0 CT	6.0	115	1,500	X	Leads	2 $\frac{3}{32}$	3 $\frac{3}{4}$	2 $\frac{1}{8}$	3 $\frac{3}{8}$	•	1.70
	F-12X	5.0 CT	8.0	115	2,500	X	Leads	2 $\frac{1}{32}$	4	2 $\frac{1}{4}$	3 $\frac{3}{16}$	•	2.50
C	F-13X	6.3	0.6	115	1,500	X	Leads	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{8}$	2	•	0.37
	F-313X	6.3	0.6	115/230	1,500	X	Leads	1 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{8}$	2	•	0.37
	F-14X#	6.3 CT	1.2	115	2,500	X	Leads	1 $\frac{1}{8}$	2 $\frac{3}{16}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	•	0.70
	F-314X	6.3 CT	1.2	115/230	2,500	X	Leads	1 $\frac{1}{8}$	2 $\frac{3}{16}$	1 $\frac{1}{8}$	2 $\frac{3}{8}$	•	0.70
	F-16X	6.3 CT	3.0	115	2,500	X	Leads	1 $\frac{1}{16}$	3 $\frac{3}{16}$	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 $\frac{3}{16}$	2	2 $\frac{3}{16}$	•	1.30
	F-43X#	6.3	4.0	115	1,500	X	Leads	1 $\frac{1}{16}$	3 $\frac{3}{16}$	2	2 $\frac{3}{16}$	•	1.25
	F-18X	6.3 CT	6.0	115	1,500	X	Leads	2 $\frac{3}{32}$	4	2 $\frac{1}{4}$	3 $\frac{3}{16}$	•	2.30
	F-318X	6.3 CT	6.0	115/230	1,500	X	Leads	2 $\frac{3}{32}$	4	2 $\frac{1}{4}$	3 $\frac{3}{16}$	•	2.30
	F-69X	6.3 CT	8.0	115	1,500	X	Leads	2 $\frac{3}{32}$	4	2 $\frac{1}{4}$	3 $\frac{3}{16}$	•	2.30
	F-21A	6.3 CT	10.0	115	1,500	A	1-Leads	3 $\frac{3}{32}$	2 $\frac{3}{32}$	3 $\frac{3}{8}$	2 $\frac{1}{4}$	2	3.80
	F-22A	6.3 CT	20.0	115	2,000	A	2-Leads	3 $\frac{3}{8}$	3 $\frac{3}{32}$	4 $\frac{3}{8}$	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 $\frac{3}{8}$	3 $\frac{13}{16}$	3 $\frac{3}{8}$	3	3 $\frac{3}{16}$	7.50
E	F-180X	10.0 CT	1.0	115	1,500	X	Leads	1 $\frac{1}{16}$	3 $\frac{3}{16}$	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 $\frac{3}{4}$	2 $\frac{1}{8}$	3 $\frac{3}{8}$	•	1.70

60 Hz †Tapped primary to produce lower voltages CT = Center Tap Mounting hole sizes: X = $\frac{3}{16}$ " 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	2⅝	•	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	2⅝	•	1.13
	F-219X#	12.0	4.000	115	1,500	X	Leads	2⅝	4	2¼	3⅝	•	2.30
	F-220U#	12.0	6.000	115	1,500	U	Leads	3⅞	2⅝	2½	2¼	2⅝	3.50
	F-221U#	12.0	8.000	115	1,500	U	Leads	3⅝	3⅝	2⅝	2½	2⅝	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	3⅝	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-266X#	12.6 CT	2.500	115	1,500	X	Leads	2⅝	3⅝	2	3⅝	•	1.55
	F-326X	12.6 CT	2.500	115/230	1,500	X	Leads	2⅝	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	2⅝	4	2⅝	3⅝	•	2.30
	F-3181U	12.6 CT	4.000	115/230	1,500	U	Leads	3⅞	2⅝	2⅝	2	2	2.30
	F-182U	12.6 CT	6.000	115	1,500	U	Leads	3⅝	2⅝	1⅝	2¼	2⅝	3.80
	F-183U	12.6 CT	8.000	115	1,500	U	Leads	3⅝	3⅝	2⅝	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	1⅝	3⅝	•	1.50
	F-252U	14.0 CT	4.000	115	1,500	U	Leads	3	2½	2⅝	2	2¼	3.00
	F-253U	14.0 CT	6.000	115	1,500	U	Leads	3⅝	2⅝	2⅝	2¼	2⅝	4.00
F	F-254X	20.0 CT	1.000	115	1,500	X	Leads	2¼	3⅝	1⅝	3⅝	•	1.50
	F-255X	20.0 CT	2.000	115	1,500	X	Leads	2⅝	4	2¼	3⅝	•	2.50
	F-256U	20.0 CT	4.000	115	1,500	U	Leads	3⅝	2⅝	2⅝	2⅝	•	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	3⅝	3½	2¼	2¼	7.40
G	F-115X	24.0 CT	0.085	115	1,500	X	Leads	1⅞	2⅝	1⅝	1¾	•	0.30
	F-3115X	24.0 CT	0.085	115/230	1,500	X	Leads	1⅞	2⅝	1⅝	1¾	•	0.30
	F-116X	24.0 CT	0.200	115	1,500	X	Leads	1⅞	2⅝	1½	2	•	0.45
	F-3116X	24.0 CT	0.200	115/230	1,500	X	Leads	1⅞	2⅝	1½	2	•	0.45
	F-117X	24.0 CT	0.400	115	1,500	X	Leads	1⅞	2⅝	1⅝	2⅝	•	0.80
	F-3117X	24.0 CT	0.400	115/230	1,500	X	Leads	1⅞	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	2⅝	2⅝	•	1.40
	F-229X#	24.0	2.000	115	1,500	X	Leads	2⅝	4	2	3⅝	•	2.30
	F-192X	24.0 CT	2.000	115	1,500	X	Leads	2⅝	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	3⅝	3½	2¼	2¼	7.40
	F-401U	24.0 CT	10.000	115	1,500	U	Leads	4⅞	3⅝	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

60 Hz †Tapped primary to produce lower voltages CT = Center Tap Mounting hole sizes: U = ⅜" X ⅜" X = ⅜"

:: 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 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.50
	F-357X	25.2 CT	1.000	115/230	1,500	X	Leads	1 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.50
	F-41X#	25.2 CT	2.000	115	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.20
	F-341X	25.2 CT	2.000	115/230	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.20
B	F-56X	25.2 CT	2.800	115	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.50
	F-119X	26.8 CT	0.150	115	1,500	X	Leads	1 ³ / ₈	2 ³ / ₈	1 ¹ / ₂	2	•	0.45
	F-40X#	26.8 CT	1.000	115	1,500	X	Leads	1 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.30
	F-340X	26.8 CT	1.000	115/230	1,500	X	Leads	1 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.30
	F-55X	26.8 CT	1.700	115	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.30
C	F-355X	26.8 CT	1.700	115/230	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.30
	F-122X	28.0 CT	0.175	115	1,500	X	Leads	1 ³ / ₈	2 ³ / ₈	1 ¹ / ₂	2	•	0.35
	F-124X	28.0 CT	0.800	115	1,500	X	Leads	1 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.00
	F-184X	28.0 CT	1.000	115	1,500	X	Leads	2 ⁷ / ₁₆	3 ⁹ / ₁₆	2 ¹ / ₄	3 ³ / ₈	•	1.40
	F-3185U	28.0 CT	2.000	115/230	1,500	X	Leads	3 ³ / ₁₆	2 ¹ / ₂	2 ⁷ / ₁₆	2	2 ¹ / ₄	2.90
D	F-187U	28.0 CT	4.000	115	1,500	U	Leads	3 ¹ / ₂	2 ³ / ₈	3 ³ / ₁₆	2 ¹ / ₄	2 ¹ / ₄	5.30
	F-188X	35.0 CT	0.100	115	1,500	X	Leads	1 ³ / ₈	2 ³ / ₁₆	1 ⁷ / ₁₆	2 ³ / ₈	•	0.35
	F-228X#	35.0 CT	0.300	115	1,500	X	Leads	1 ³ / ₈	2 ³ / ₁₆	1 ³ / ₈	2 ³ / ₈	•	0.60
	F-189X	35.0 CT	0.500	115	1,500	X	Leads	2 ⁷ / ₁₆	3 ⁹ / ₁₆	1 ³ / ₁₆	3 ³ / ₈	•	1.00
	F-54X	35.0 CT	1.500	115	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.20
	F-354X	35.0 CT	1.500	115/230	1,500	X	Leads	2 ⁹ / ₃₂	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.20
	F-191U	35.0 CT	4.000	115	1,500	U	Leads	3 ³ / ₁₆	3 ³ / ₁₆	3 ³ / ₁₆	2 ¹ / ₄	2 ¹ / ₂	6.00
E	F-268U	35.0 CT	8.000	115	1,500	U	Leads	4 ¹ / ₂	3 ³ / ₄	4 ¹ / ₄	3	3 ³ / ₄	11.00
	F-270X	40.0 CT	1.000	115	1,500	X	Leads	2 ⁷ / ₁₆	4	2 ¹ / ₄	3 ³ / ₁₆	•	2.60
	F-271U	40.0 CT	2.000	115	1,500	U	Leads	3 ³ / ₈	2 ³ / ₁₆	2 ⁷ / ₈	2 ¹ / ₄	2 ³ / ₈	4.00
	F-272U	40.0 CT	4.000	115	1,500	U	Leads	3 ³ / ₈	3 ³ / ₈	3 ¹ / ₂	2 ¹ / ₂	2 ⁷ / ₈	6.40
	F-273U	40.0 CT	6.000	115	1,500	U	Leads	4 ¹ / ₂	3 ³ / ₄	4	3	3	10.00
F	F-275U	40.0 CT	10.000	115	1,500	U	Leads	5 ³ / ₈	4 ³ / ₈	4 ¹ / ₂	3 ¹ / ₂	3 ³ / ₈	14.50
	F-59X	60.0 CT	0.400	115	1,500	X	Leads	1 ⁵ / ₁₆	3 ³ / ₁₆	2	2 ³ / ₁₆	•	1.30
	F-279U	60.0 CT	1.000	115	1,500	U	Leads	3	2 ¹ / ₂	2 ³ / ₈	2	2 ³ / ₈	3.40
	F-280U	60.0 CT	2.000	115	1,500	U	Leads	3 ³ / ₄	3 ³ / ₈	3 ³ / ₈	2 ¹ / ₂	2 ⁷ / ₈	5.60
	F-282U	60.0 CT	6.000	115	1,500	U	Leads	5 ³ / ₈	4 ³ / ₈	4 ³ / ₈	3 ¹ / ₂	2 ⁷ / ₈	12.50

60 Hz CT = Center Tap Mounting hole sizes: X = ³/₁₆" U = ¹³/₆₄" X 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 ³ / ₈	1 ⁷ / ₁₆	2	•	0.6
		12.0 CT	0.250										
	F-236Z#	12.0 CT	0.500	115	1,500	Z	Lugs	2 ⁷ / ₁₆	2 ³ / ₈	1 ³ / ₈	2 ³ / ₈	•	0.9
		12.0 CT	0.500										
	F-237Z#	12.0 CT	1.000	115	1,500	Z	Lugs	2 ³ / ₈	2 ¹³ / ₁₆	2 ¹ / ₁₆	2 ³ / ₈	•	1.1
H		12.0 CT	1.000										
	F-241U#f	18.0 CT	1.000	115	1,500	U	Lugs	2 ¹ / ₂	3	2 ¹ / ₂	2 ¹ / ₂	2	2.2
		18.0 CT	1.000										
	F-243U#f	18.0 CT	4.000	115	1,500	U	Lugs	3 ¹ / ₂	4 ³ / ₈	3 ¹ / ₄	3 ³ / ₁₆	2 ¹ / ₄	5.2
		18.0 CT	4.000										
I	F-244U#f	18.0 CT	8.000	115	1,500	U	Lugs	3 ³ / ₄	4 ¹ / ₂	4	3 ³ / ₄	2 ³ / ₄	8.3
		18.0 CT	8.000										
J	F-195X	32.0 CT	0.250	115	1,500	X	Leads	2 ¹ / ₄	3 ³ / ₄	1 ⁷ / ₈	3 ³ / ₈	•	1.3
K		15.5 CT	0.750										
	F-196U	32.0 CT	1.000	115	1,500	U	Leads	3 ³ / ₈	2 ¹³ / ₁₆	2 ³ / ₈	2 ¹ / ₄	2 ¹ / ₄	4.0
L		15.5 CT	2.000										
	F-197U	32.0 CT	1.000	115	1,500	U	Leads	3 ³ / ₄	3 ³ / ₈	2 ⁹ / ₁₆	2 ¹ / ₂	2 ¹ / ₄	4.7
M		15.0 CT	4.0										
	F-198U	32.0 CT	1.000	115	1,500	U	Leads	3 ³ / ₄	3 ³ / ₈	3 ³ / ₁₆	2 ¹ / ₂	2 ¹ / ₄	6.2
N		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 = ³/₁₆" U = ¹³/₆₄" X ³/₈" Z = ³/₁₆"