

TRIAD

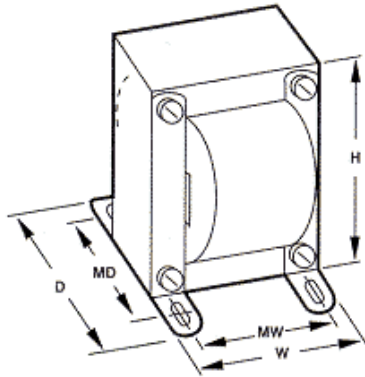
MAGNETICS

POWER TRANSFORMERS

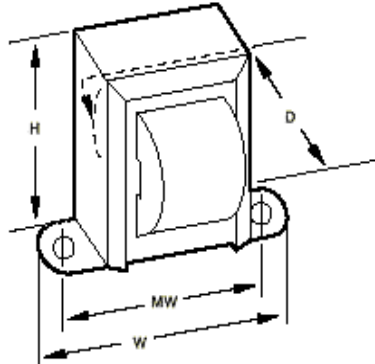
80038 REV D

Chassis Mount - Single Secondary / Multiple Secondary

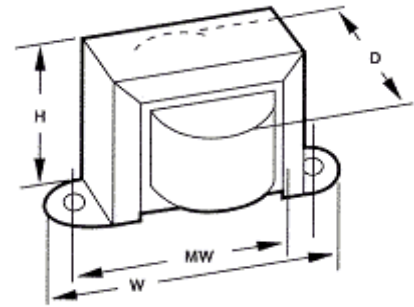
DESCRIPTION : Triad Magnetics offers a full choice of power supply transformers for direct use or in transformer, rectifier, or filter circuits. Other available secondary voltages include control, filament and low level signaling in stanard values. The transformers are single primary with single and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



CASE TYPE U



CASE TYPE Z



CASE TYPE X

Single Secondary

60 Hz CT = CENTER TAP

MOUNTING HOLE SIZES: X = 3/16" U = 13/64 x 3/8"

TYPE NO.	Hook Up	Case Type	Primary Voltage	RMS Test Voltage (Sec.)	SECONDARY		Connec - tions	DIMENSIONS			Mounting		WT Lbs.
					Volts	Amps		H	W	D	MW	ML	
F-13X	D	X	115	1,500	6.3	0.6	LEADS	1-3/8	2-3/8	1-3/8	2	-	0.37
F-313X	A	X	115/230	1,500	6.3	0.6	LEADS	1-3/8	2-3/8	1-3/8	2	-	0.37
F-46X#	C	X	115	1,500	24.0	1.0	LEADS	1-15/16	3-1/4	2-1/8	2-13/16	-	1.4
F-43X#	D	X	115	1,500	6.3	4.0	LEADS	1-15/16	3-5/16	2	2-13/16	-	1.25
F-28U t	B	U	115	3,000	7.5 CT OR 6.3 CT	25	LEADS & LUGS	4-5/8	3-13/16	3-5/8	3	3-1/16	7.5
F-113X	D	X	115	1,500	12.0	0.15	LEADS	1-3/8	2-3/8	1-3/8	2	-	0.4
F-216X#	D	X	115	1,500	12.0	0.35	LEADS	1-3/8	2-3/8	1-3/8	2	-	0.37
F-114X	D	X	115	1,500	12.0	0.7	LEADS	1-5/8	2-13/16	1-5/8	2-3/8	-	0.8
F-217X#	D	X	115	1,500	12.0	1.3	LEADS	2	3-1/4	1-3/4	2-13/16	-	1.0
F-218X#	C	X	115	1,500	12.0	2.0	LEADS	2	3-1/4	1-7/8	2-7/8	-	1.13
F-219X#	D	X	115	1,500	12.0	4.0	LEADS	2-9/16	4	2-1/4	3-9/16	-	2.3
F-220U#	D	U	115	1,500	12.0	6.0	LEADS	3-7/16	2-13/16	2-1/2	2-1/4	2-1/8	3.5
F-221U#	D	U	115	1,500	12.0	8.0	LEADS	3-13/16	3-1/8	2-3/8	2-1/2	2-1/8	4.0
F-224X#	D	X	115	1,500	12.6	3.0	LEADS	2-1/4	3-3/4	2-1/8	3-1/8	-	1.6
F-229X#	D	X	115	1,500	24.0	2.0	LEADS	2-9/16	4	2	3-9/16	-	2.3

t = Tapped primary to produce lower voltages

Multiple Secondary

60 Hz CT = CENTER TAP

MOUNTING HOLE SIZES: X = 3/16" U = 13/64 x 3/8" Z = 3/16"

TYPE NO.	Hook Up	Case Type	Primary Voltage	RMS Test Voltage (Sec.)	SECONDARY		Connec - tions	DIMENSIONS			Mounting		WT Lbs.
					Volts	Amps		H	W	D	MW	ML	
F-235Z#	E	Z	115	1,500	12.0 CT	0.25	LUGS	2	2-3/8	1-7/16	2	-	0.6
F-236Z#	E	Z	115	1,500	12.0 CT	0.25	LUGS	2-5/16	2-7/8	1-5/8	2-3/8	-	0.9
F-237Z#	E	Z	115	1,500	12.0 CT	0.5	LUGS	2-3/8	2-13/16	2-1/16	2-3/8	-	1.1
F-241U#f	F	U	115	1,500	18.0 CT	1.0	LUGS	2-1/2	3	2-1/2	2-1/2	2	2.2
F-243U#f	F	U	115	1,500	18.0 CT	1.0	LUGS	3-1/2	4-1/8	3-1/4	3-7/16	2-1/4	5.2
F-244U#f	F	U	115	1,500	18.0 CT	4.0	LUGS	3-3/4	4-1/2	4	3-3/4	2-3/4	8.3
F-195X	G	X	115	1,500	32.0 CT	0.250	LEADS	2-1/4	3-3/4	1-7/8	3-1/8	-	1.3
F-196U	G	U	115	1,500	15.0 CT	1.0	LEADS	3-3/8	2-13/16	2-5/8	2-1/4	2-1/4	4.0
F-197U	G	U	115	1,500	15.0 CT	2.0	LEADS	3-3/4	3-1/8	2-15/16	2-1/2	2-1/4	4.7
F-198U	G	U	115	1,500	32.0 CT	1.0	LEADS	3-3/4	3-1/8	3-3/16	2-1/2	2-3/4	6.2
					15.0 CT	6.0							

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 12.6V @ 2A. Winding may also be connected in parallel to obtain combined current. Example: Two 6.3 V windings @ 2A in parallel would be 6.3V @ 4A



POWER TRANSFORMERS

80038 REV D

Chassis Mount - Single Secondary / Multiple Secondary

SPECIFICATIONS:

PRIMARY: 115/230 V, 50/60 Hz

HOOK-UP A

HOOK UP					SECONDARY	
115	TIE	BLK-RED/BLK, YEL/BLK-BLK/GRN	APPLY TO	BLK-BLK/GRN	OUTPUT	GRN-GRN
115/230	TIE	YEL/BLK-RED/BLK	APPLY TO	BLK-BLK/GRN		

HOOK-UP B

HOOK UP					SECONDARY	
115	-	-	APPLY TO	BLK-BLK/RED	OUTPUT	(4) SELF - (6) SELF CT(5) SELF

HOOK-UP C

HOOK UP					SECONDARY	
115	-	-	APPLY TO	BLK-BLK	OUTPUT	RED-RED

HOOK-UP D

HOOK UP					SECONDARY	
115	-	-	APPLY TO	BLK-BLK	OUTPUT	GRN-GRN

HOOK-UP E

HOOK UP					SECONDARY 1	
115	-	-	APPLY TO	115-COM	OUTPUT	0-12V CT(6V)
					SECONDARY 2	
					OUTPUT	0-12V CT(6V)

HOOK-UP F

HOOK UP					SECONDARY 1	
115	-	-	APPLY TO	115-COM	OUTPUT	0-18V CT(9V)
					SECONDARY 2	
					OUTPUT	0-18V CT(9V)

HOOK-UP G

HOOK UP					SECONDARY 1	
115	-	-	APPLY TO	115-COM	OUTPUT	RED-RED CT(RED/YEL)
					SECONDARY 2	
					OUTPUT	GRN-GRN CT(GRN/YEL)