

Miniature Plug in Power Transformers



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STYLE B



STYLE C



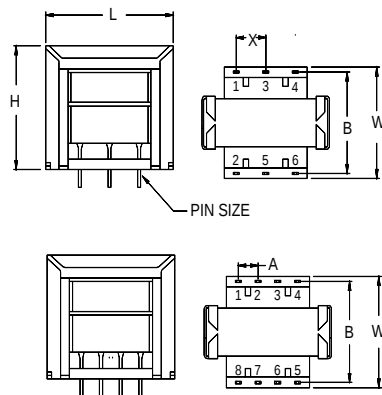
STYLE D



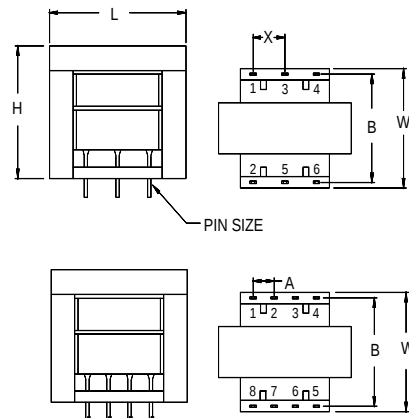
STYLE E

Mechanical Dimensions

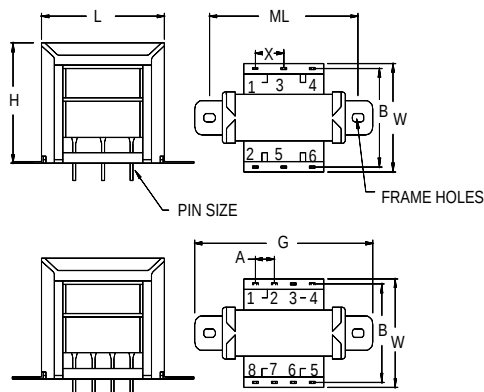
STYLE B (CHANNEL FRAME NO PCB TAB)



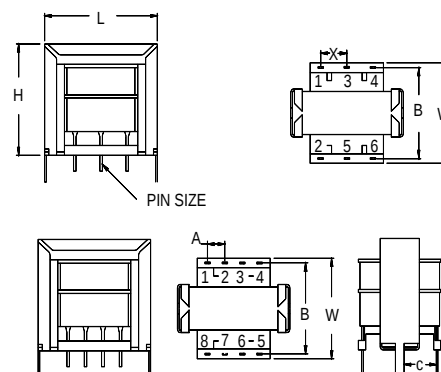
STYLE C (NO CHANNEL FRAME)



STYLE D (CHANNEL FRAME SCREW MOUNT)



STYLE E (CHANNEL FRAME PCB MOUNT)



Specifications subject to change. Custom versions of any Minntronix Products are available upon request.

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- Power transformer-concentric or split winding construction

HOW TO ORDER

MPC - 12 - 350 C D

Primary Type.

MPC 115V 60Hz 6PIN
MPCC 230V 50Hz 6PIN
MPCD 115/230V 50/60Hz 8PIN

Secondary Voltage Rating in Series

In Volts RMS

Secondary Current Rating in Series

In mA RMS

*Mechanical - Configuration

B = Channel Frame - No Mount

C = No Frame

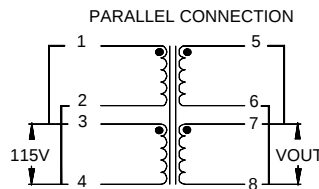
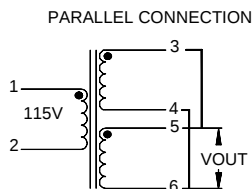
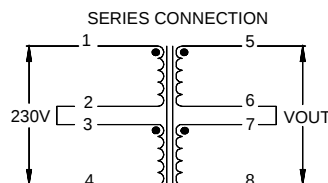
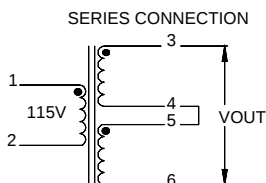
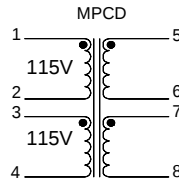
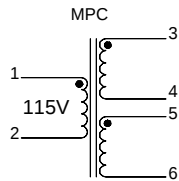
D = Channel Frame - Screw Mount

E = Channel Frame - PCB Mount

Transformer Series

S - Single Section Bobbin (Concentric winding)

D - Double Section Bobbin (Split winding)



PRIMARY 50/60 Hz		SECONDARY RATING (RMS)		SIZE (VA)
Single 115V (6 pin)	Dual 115/230V (8 pin)	Series	Parallel	
MPC-10-90_*	MPCD-10-90_*	10V C.T. @ 90 mA	5V @ 180mA	1.0
MPC-10-120_*	MPCD-10-120_*	10V C.T. @ 120mA	5V @ 240mA	1.2
MPC-10-440_*	MPCD-10-440_*	10V C.T. @ 440mA	5V @ 880mA	4.4
MPC-10-1000_*	MPCD-10-1000_*	10V C.T. @ 1A	5V @ 2A	10
MPC-10-2400_*	MPCD-10-2400_*	10V C.T. @ 2.4A	5V @ 4.8A	24
MPC-12-70_*	MPCD-12-70_*	12.6V C.T. @ 70mA	6.3V @ 140mA	1.0
MPC-12-100_*	MPCD-12-100_*	12.6V C.T. @ 100mA	6.3V @ 200mA	1.2
MPC-12-350_*	MPCD-12-350_*	12.6V C.T. @ 350mA	6.3V @ 700mA	4.4
MPC-12-800_*	MPCD-12-800_*	12.6V C.T. @ 800mA	6.3V @ 1.6A	10
MPC-12-2000_*	MPCD-12-2000_*	12.6V C.T. @ 2A	6.3V @ 4A	24
MPC-16-55_*	MPCD-16-55_*	16V C.T. @ 55mA	8V @ 110mA	1.0
MPC-16-75_*	MPCD-16-75_*	16V C.T. @ 75mA	8V @ 150mA	1.2
MPC-16-260_*	MPCD-16-260_*	16V C.T. @ 260mA	8V @ 520mA	4.4
MPC-16-640_*	MPCD-16-640_*	16V C.T. @ 640mA	8V @ 1.28A	10
MPC-16-1500_*	MPCD-16-1500_*	16V C.T. @ 1.5	8V @ 3A	24
MPC-20-45_*	MPCD-20-45_*	20V C.T. @ 45mA	10V @ 90mA	1.0
MPC-20-60_*	MPCD-20-60_*	20V C.T. @ 60mA	10V @ 120mA	1.2
MPC-20-220_*	MPCD-20-220_*	20V C.T. @ 220mA	10V @ 440mA	4.4
MPC-20-500_*	MPCD-20-500_*	20V C.T. @ 500mA	10V @ 1A	10
MPC-20-1200_*	MPCD-20-1200_*	20V C.T. @ 1.2A	10V @ 2.4A	24
MPC-24-35_*	MPCD-24-35_*	24V C.T. @ 35mA	12V @ 70mA	1.0
MPC-24-50_*	MPCD-24-50_*	24V C.T. @ 50mA	12V @ 100mA	1.2
MPC-24-180_*	MPCD-24-180_*	24V C.T. @ 180mA	12V @ 360mA	4.4
MPC-24-450_*	MPCD-24-450_*	24V C.T. @ 450mA	12V @ 900mA	10
MPC-24-1000_*	MPCD-24-1000_*	24V C.T. @ 1A	12V @ 2A	24
MPC-28-30_*	MPCD-28-30_*	28V C.T. @ 30mA	14V @ 60mA	1.0
MPC-28-40_*	MPCD-28-40_*	28V C.T. @ 40mA	14V @ 80mA	1.2
MPC-28-160_*	MPCD-28-160_*	28V C.T. @ 160mA	14V @ 320mA	4.4
MPC-28-360_*	MPCD-28-360_*	28V C.T. @ 360mA	14V @ 720mA	10
MPC-28-800_*	MPCD-28-800_*	28V C.T. @ 800mA	14V @ 1.6A	24
MPC-34-25_*	MPCD-34-25_*	34V C.T. @ 25mA	17V @ 50mA	1.0
MPC-34-35_*	MPCD-34-35_*	34V C.T. @ 35mA	17V @ 70mA	1.2
MPC-34-125_*	MPCD-34-125_*	34V C.T. @ 125mA	17V @ 250mA	4.4
MPC-34-300_*	MPCD-34-300_*	34V C.T. @ 300mA	17V @ 600mA	10
MPC-34-700_*	MPCD-34-700_*	34V C.T. @ 700mA	17V @ 1.4A	24
MPC-40-20_*	MPCD-40-20_*	40V C.T. @ 20mA	20V @ 40mA	1.0
MPC-40-30_*	MPCD-40-30_*	40V C.T. @ 30mA	20V @ 60mA	1.2
MPC-40-110_*	MPCD-40-110_*	40V C.T. @ 110mA	20V @ 220mA	4.4
MPC-40-250_*	MPCD-40-250_*	40V C.T. @ 250mA	20V @ 500mA	10
MPC-40-600_*	MPCD-40-600_*	40V C.T. @ 600mA	20V @ 1.2A	24
MPC-56-15_*	MPCD-56-15_*	56V C.T. @ 15mA	28V @ 30mA	1.0
MPC-56-20_*	MPCD-56-20_*	26V C.T. @ 20mA	28V @ 40mA	1.2
MPC-56-80_*	MPCD-56-80_*	56V C.T. @ 80mA	28V @ 160mA	4.4
MPC-56-180_*	MPCD-56-180_*	56V C.T. @ 180mA	28V @ 360mA	10
MPC-56-420_*	MPCD-56-420_*	56V C.T. @ 420mA	28V @ 840mA	24
MPC-120-8_*	MPCD-120-8_*	120V C.T. @ 8mA	60V @ 16mA	1.0
MPC-120-10_*	MPCD-120-10_*	120V C.T. @ 10mA	60V @ 20mA	1.2
MPC-120-35_*	MPCD-120-35_*	120V C.T. @ 35mA	60V @ 70mA	4.4
MPC-120-85_*	MPCD-120-85_*	120V C.T. @ 85mA	60V @ 170mA	10
MPC-120-200_*	MPCD-120-200_*	120V C.T. @ 200mA	60V @ 400mA	24

VA	STYLE B.C.D.E.				STYLE C			STYLE B.D.E			STYLE D			STYLE E	
	6 pin X±0.012 (X±0.31)	8 pin A±0.012 (A±0.51)	B ±0.04 (1.02)	PIN SIZE ±0.008 (0.203)	L ±0.04 (1.02)	W ±0.04 (1.02)	H ±0.04 (1.02)	L ±0.04 (1.02)	W ±0.04 (1.02)	H ±0.04 (1.02)	G ±0.04 (1.02)	ML ±0.04 (1.02)	Frame Hole ±0.02 (0.51)	C ±0.02 (0.51)	
1.0	0.250 (6.35)	0.200 (5.08)	1.200 (30.48)	0.045X0.020 (1.143X0.51)	1.025 (26.04)	1.375 (34.93)	0.830 (21.08)	---	---	---	---	---	---	0.13X0.03 (3.30X0.762)	
1.2	0.312 (7.92)	0.200 (5.08)	1.000 (25.40)	0.039X0.020 (0.99X0.51)	1.400 (35.56)	1.125 (28.58)	1.188 (30.18)	1.500 (38.10)	1.125 (28.58)	1.220 (30.99)	2.062 (52.37)	1.770 (44.96)	0.138X0.217 (3.51X5.51)	0.13X0.03 (3.30X0.762)	
4.4	0.400 (10.16)	0.250 (6.35)	1.100 (27.94)	0.039X0.020 (0.99X0.51)	1.634 (41.50)	1.250 (31.75)	1.375 (34.93)	1.720 (43.69)	1.250 (31.75)	1.400 (35.56)	2.375 (60.33)	2.000 (50.8)	0.157X0.236 (3.99X5.99)	0.19X0.03 (4.83X0.762)	
10	0.400 (10.16)	0.250 (6.35)	1.300 (33.02)	0.039X0.020 (0.99X0.51)	1.910 (48.51)	1.438 (36.53)	1.625 (41.28)	1.970 (50.04)	1.438 (36.53)	1.660 (42.16)	2.813 (71.45)	2.380 (60.45)	0.157X0.236 (3.99X5.99)	---	
24	0.400 (10.16)	0.250 (6.35)	2.100 (53.34)	0.039X0.020 (0.99X0.51)	1.634 (41.50)	2.250 (57.15)	1.375 (34.93)	---	---	---	---	---	---	---	

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