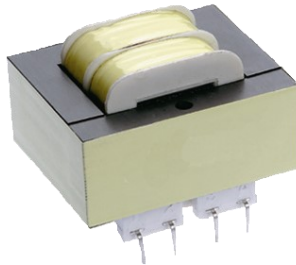


Split Bobbin Power Transformers



Phone: 1.605.884.0195
Fax: 1.605.884.0199
www.minntronix.com

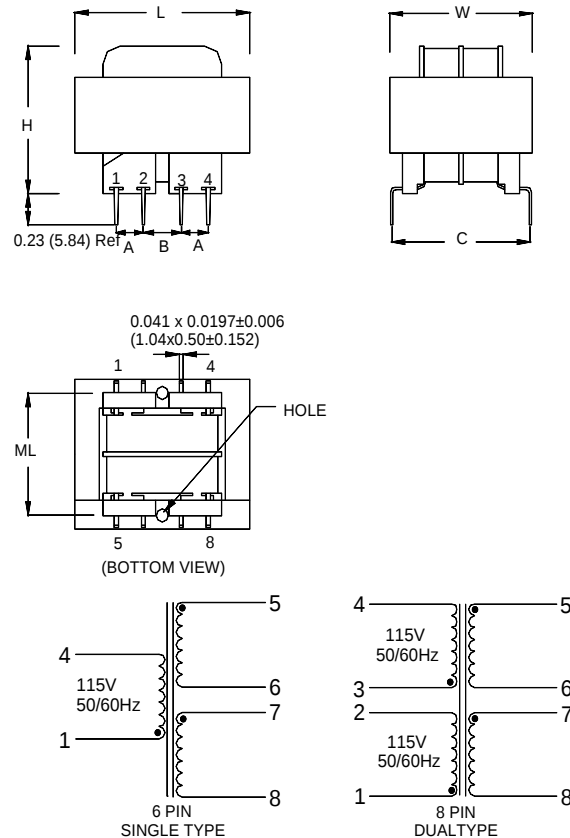
MPS SERIES



- MPS: UL Approved Canada/USA: Class B
- High Isolation — 2500V Hi-pot
- Low capacitance coupling — minimizes line noise and false triggering
- 115V Single or 115/230V 50/60Hz Dual Primary
- Dual Secondary's for either parallel or series configuration

PART NUMBER		SECONDARY RATING (RMS)	
Single 115V 6 pin	Dual 115/230V 8 pin	Series	Parallel
MPS-2-10	MPS-2-10-D	10V C.T. @ 0.11A	5V @ 0.22A
MPS-3-10	MPS-3-10-D	10V C.T. @ 0.25A	5V @ 0.5A
MPS-4-10	MPS-4-10-D	10V C.T. @ 0.6A	5V @ 1.2A
MPS-5-10	MPS-5-10-D	10V C.T. @ 1.2A	5V @ 2.4A
MPS-6-10	MPS-6-10-D	10V C.T. @ 2A	5V @ 4A
MPS-7-10	MPS-7-10-D	10V C.T. @ 3.6A	5V @ 7.2A
MPS-2-12	MPS-2-12-D	12.6V C.T. @ 0.09A	6.3V @ 0.18A
MPS-3-12	MPS-3-12-D	12.6V C.T. @ 0.2A	6.3V @ 0.4A
MPS-4-12	MPS-4-12-D	12.6V C.T. @ 0.5A	6.3V @ 1.0A
MPS-5-12	MPS-5-12-D	12.6V C.T. @ 1.0A	6.3V @ 2.0A
MPS-6-12	MPS-6-12-D	12.6V C.T. @ 1.6A	6.3V @ 3.2A
MPS-7-12	MPS-7-12-D	12.6V C.T. @ 2.85A	6.3V @ 5.7A
MPS-2-16	MPS-2-16-D	16V C.T. @ 0.07A	8V @ 0.14A
MPS-3-16	MPS-3-16-D	16V C.T. @ 0.15A	8V @ 0.3A
MPS-4-16	MPS-4-16-D	16V C.T. @ 0.4A	8V @ 0.8A
MPS-5-16	MPS-5-16-D	16V C.T. @ 0.8A	8V @ 1.6A
MPS-6-16	MPS-6-16-D	16V C.T. @ 1.25A	8V @ 2.5A
MPS-7-16	MPS-7-16-D	16V C.T. @ 2.25A	8V @ 4.5A
MPS-2-20	MPS-2-20-D	20V C.T. @ 0.055A	10V @ 0.11A
MPS-3-20	MPS-3-20-D	20V C.T. @ 0.12A	10V @ 0.24A
MPS-4-20	MPS-4-20-D	20V C.T. @ 0.3A	10V @ 0.6A
MPS-5-20	MPS-5-20-D	20V C.T. @ 0.6A	10V @ 1.2A
MPS-6-20	MPS-6-20-D	20V C.T. @ 1A	10V @ 2A
MPS-7-20	MPS-7-20-D	20V C.T. @ 1.8A	10V @ 3.6A
MPS-2-24	MPS-2-24-D	24V C.T. @ 0.045A	12V @ 0.09A
MPS-3-24	MPS-3-24-D	24V C.T. @ 0.1A	12V @ 0.2A
MPS-4-24	MPS-4-24-D	24V C.T. @ 0.25A	12V @ 0.5A
MPS-5-24	MPS-5-24-D	24V C.T. @ 0.5A	12V @ 1.0A
MPS-6-24	MPS-6-24-D	24V C.T. @ 0.8A	12V @ 1.6A
MPS-7-24	MPS-7-24-D	24V C.T. @ 1.5A	12V @ 3.0A
MPS-2-28	MPS-2-28-D	28V C.T. @ 0.04A	14V @ 0.08A
MPS-3-28	MPS-3-28-D	28V C.T. @ 0.085A	14V @ 0.17A
MPS-4-28	MPS-4-28-D	28V C.T. @ 0.2A	14V @ 0.4A
MPS-5-28	MPS-5-28-D	28V C.T. @ 0.42A	14V @ 0.84A
MPS-6-28	MPS-6-28-D	28V C.T. @ 0.7A	14V @ 1.4A
MPS-7-28	MPS-7-28-D	28V C.T. @ 1.3A	14V @ 2.6A
MPS-2-36	MPS-2-36-D	36V C.T. @ 0.03A	18V @ 0.06A
MPS-3-36	MPS-3-36-D	36V C.T. @ 0.065A	18V @ 0.13A
MPS-4-36	MPS-4-36-D	36V C.T. @ 0.17A	18V @ 0.34A
MPS-5-36	MPS-5-36-D	36V C.T. @ 0.35A	18V @ 0.7A
MPS-6-36	MPS-6-36-D	36V C.T. @ 0.55A	18V @ 1.1A
MPS-7-36	MPS-7-36-D	36V C.T. @ 1A	18V @ 2A
MPS-2-48	MPS-2-48-D	48V C.T. @ 0.023A	24V @ 0.046A
MPS-3-48	MPS-3-48-D	48V C.T. @ 0.05A	24V @ 0.1A
MPS-4-48	MPS-4-48-D	48V C.T. @ 0.125A	24V @ 0.25A
MPS-5-48	MPS-5-48-D	48V C.T. @ 0.25A	24V @ 0.5A
MPS-6-48	MPS-6-48-D	48V C.T. @ 0.4A	24V @ 0.8A
MPS-7-48	MPS-7-48-D	48V C.T. @ 0.75A	24V @ 1.5A
MPS-2-56	MPS-2-56-D	56V C.T. @ 0.02A	28V @ 0.04A
MPS-3-56	MPS-3-56-D	56V C.T. @ 0.045A	28V @ 0.09A
MPS-4-56	MPS-4-56-D	56V C.T. @ 0.11A	28V @ 0.22A
MPS-5-56	MPS-5-56-D	56V C.T. @ 0.22A	28V @ 0.44A
MPS-6-56	MPS-6-56-D	56V C.T. @ 0.35A	28V @ 0.7A
MPS-7-56	MPS-7-56-D	56V C.T. @ 0.65A	28V @ 1.3A
MPS-2-120	MPS-2-120-D	120V C.T. @ 0.01A	60V @ 0.02A
MPS-3-120	MPS-3-120-D	120V C.T. @ 0.02A	60V @ 0.04A
MPS-4-120	MPS-4-120-D	120V C.T. @ 0.05A	60V @ 0.1A
MPS-5-120	MPS-5-120-D	120V C.T. @ 0.1A	60V @ 0.2A
MPS-6-120	MPS-6-120-D	120V C.T. @ 0.16A	60V @ 0.32A
MPS-7-120	MPS-7-120-D	120V C.T. @ 0.3A	60V @ 0.6A

Mechanical Dimensions:



UNIT: Inch (mm)

SIZE	VA	L ±0.04 (1.02)	W ±0.04 (1.02)	H ±0.04 (1.02)	ML ±0.02 (0.51)	A ±0.012 (0.30)	B ±0.012 (0.30)	C ±0.02 (0.51)	HOLE ±0.02 (0.51)
2	1.1	1.400 (35.56)	1.185 (30.10)	0.938 (23.83)	-----	0.250 (6.35)	0.250 (6.35)	1.200 (30.48)	-----
3	2.4	1.400 (35.56)	1.185 (30.10)	1.188 (30.18)	-----	0.250 (6.35)	0.250 (6.35)	1.200 (30.48)	-----
4	6.0	1.634 (41.50)	1.320 (33.53)	1.313 (33.35)	1.062 (26.97)	0.250 (6.35)	0.350 (8.89)	1.280 (32.51)	0.126 (3.20)
5	12	1.910 (48.51)	1.600 (40.64)	1.438 (36.53)	1.260 (32.00)	0.300 (7.62)	0.400 (10.16)	1.410 (35.81)	0.126 (3.20)
6	20	2.265 (57.53)	1.890 (48.01)	1.438 (36.53)	1.500 (38.1)	0.300 (7.62)	0.400 (10.16)	1.600 (40.64)	0.150 (3.81)
7	36	2.625 (66.68)	2.195 (55.75)	1.563 (39.70)	1.732 (43.99)	0.400 (10.16)	0.400 (10.16)	1.850 (46.99)	0.177 (4.50)