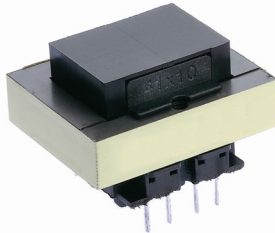


Universal Series Power Transformers



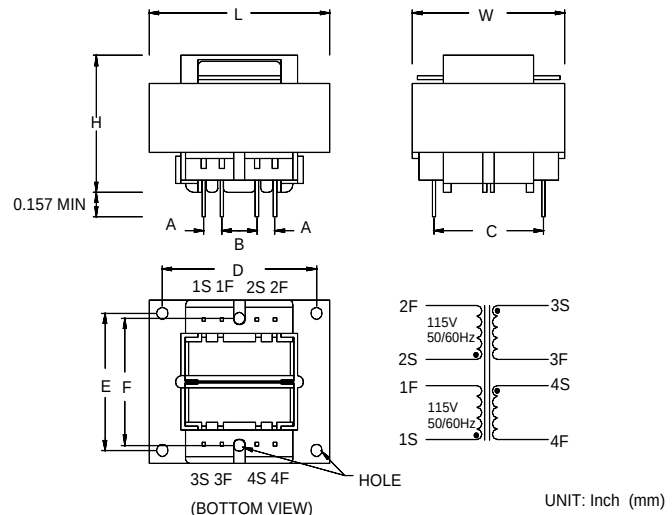
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- The MHS series of universal transformers is designed and built to meet U.S. and International Safety Standards
- These transformers are available in both PC and Chassis-mount construction
- Power ratings of 2.5VA to 56VA, these transformers are built on dual-bobbins with insulating shrouds to provide 4000VRMS isolation between primary and secondary
- Special construction reduces primary to secondary capacitance
- 115V Single or 115/230V 50/60Hz Dual Primary

Part Number	Size (VA)	SECONDARY RATINGS (RMS)	
		Series	Parallel
MHS-2.5-10	2.5	10V C.T. @ 0.25 A	5V @ 0.5A
MHS-5.0-10	5.0	10V C.T. @ 0.5 A	5V @ 1.0A
MHS-10-10	10.0	10V C.T. @ 1.0 A	5V @ 2.0A
MHS-20-10	20.0	10V C.T. @ 2.0 A	5V @ 4.0 A
MHS-30-10	30.0	10V C.T. @ 3.0 A	5V @ 6.0 A
MHS-56-10	56.0	10V C.T. @ 5.6 A	5V @ 11.2 A
MHS-2.5-12	2.5	12.6V C.T. @ 0.2 A	6.3V @ 0.4 A
MHS-5.0-12	5.0	12.6V C.T. @ 0.4 A	6.3V @ 0.8 A
MHS-10-12	10.0	12.6V C.T. @ 0.8 A	6.3V @ 1.6 A
MHS-20-12	20.0	12.6V C.T. @ 1.6 A	6.3V @ 3.2 A
MHS-30-12	30.0	12.6V C.T. @ 2.4 A	6.3V @ 4.8 A
MHS-56-12	56.0	12.6V C.T. @ 4.4 A	6.3V @ 8.8 A
MHS-2.5-16	2.5	16V C.T. @ 0.15 A	8V @ 0.3 A
MHS-5.0-16	5.0	16V C.T. @ 0.31 A	8V @ 0.62 A
MHS-10-16	10.0	16V C.T. @ 0.62 A	8V @ 1.25 A
MHS-20-16	20.0	16V C.T. @ 1.25 A	8V @ 2.5 A
MHS-30-16	30.0	16V C.T. @ 1.9 A	8V @ 3.8 A
MHS-56-16	56.0	16V C.T. @ 3.5 A	8V @ 7.0 A
MHS-2.5-20	2.5	20V C.T. @ 0.12 A	10V @ 0.24 A
MHS-5.0-20	5.0	20V C.T. @ 0.25 A	10V @ 0.5 A
MHS-10-20	10.0	20V C.T. @ 0.5 A	10V @ 1.0 A
MHS-20-20	20.0	20V C.T. @ 1.0 A	10V @ 2.0 A
MHS-30-20	30.0	20V C.T. @ 1.5 A	10V @ 3.0 A
MHS-56-20	56.0	20V C.T. @ 2.8 A	10V @ 5.6 A
MHS-2.5-24	2.5	24V C.T. @ 0.1 A	12V @ 0.2 A
MHS-5.0-24	5.0	24V C.T. @ 0.21 A	12V @ 0.42 A
MHS-10-24	10.0	24V C.T. @ 0.42 A	12V @ 0.84 A
MHS-20-24	20.0	24V C.T. @ 0.83 A	12V @ 1.66 A
MHS-30-24	30.0	24V C.T. @ 1.25 A	12V @ 2.5 A
MHS-56-24	56.0	24V C.T. @ 2.33 A	12V @ 4.66 A
MHS-2.5-28	2.5	28V C.T. @ 0.09 A	14V @ 0.18 A
MHS-5.0-28	5.0	28V C.T. @ 0.18 A	14V @ 0.36 A
MHS-10-28	10.0	28V C.T. @ 0.36 A	14V @ 0.72 A
MHS-20-28	20.0	28V C.T. @ 0.72 A	14V @ 1.44 A
MHS-30-28	30.0	28V C.T. @ 1.06 A	14V @ 2.12 A
MHS-56-28	56.0	28V C.T. @ 2.0 A	14V @ 4.0 A
MHS-2.5-36	2.5	36V C.T. @ 0.07 A	18V @ 0.14 A
MHS-5.0-36	5.0	36V C.T. @ 0.14 A	18V @ 0.28 A
MHS-10-36	10.0	36V C.T. @ 0.28 A	18V @ 0.56 A
MHS-20-36	20.0	36V C.T. @ 0.56 A	18V @ 1.12 A
MHS-30-36	30.0	36V C.T. @ 0.82 A	16V @ 1.64 A
MHS-56-36	56.0	36V C.T. @ 1.56 A	18V @ 3.12 A

Mechanical Dimensions:



VA	WT. (lb)	L ±0.04 (1.02)	W ±0.04 (1.02)	H ±0.04 (1.02)	A ±0.012 (0.30)	B ±0.012 (0.30)
2.5	0.25	1.634 (41.50)	1.320 (33.53)	1.125 (28.58)	0.200 (5.08)	0.250 (6.35)
5.0	0.37	1.634 (41.50)	1.320 (33.53)	1.375 (34.93)	0.200 (5.08)	0.400 (10.16)
10.0	0.53	1.910 (48.51)	1.600 (40.64)	1.358 (34.49)	0.200 (5.08)	0.400 (10.16)
20.0	0.90	2.265 (57.53)	1.890 (48.01)	1.594 (40.49)	0.400 (10.16)	0.400 (10.16)
30.0	1.15	2.625 (66.68)	2.195 (55.75)	1.562 (39.67)	0.550 (13.97)	0.275 (6.99)
56.0	1.70	3.030 (76.96)	2.520 (64.01)	1.791 (45.49)	0.600 (15.24)	0.300 (7.62)

VA	C ±0.02 (0.51)	D ±0.04 (1.02)	E ±0.04 (1.02)	F ±0.04 (1.02)	PIN DIM ±0.006 (0.15)	HOLE ±0.02 (0.51)
2.5	1.000 (25.4)	-----	-----	1.062 (26.97)	0.025 SQ (0.635 SQ)	0.126 (3.20)
5.0	1.000 (25.4)	-----	-----	1.062 (26.97)	0.025 SQ (0.635 SQ)	0.126 (3.20)
10.0	1.140 (28.96)	-----	-----	1.260 (32.00)	0.038 SQ (0.97 SQ)	0.126 (3.20)
20.0	1.460 (37.08)	-----	-----	1.500 (38.1)	0.038 SQ (0.97 SQ)	0.150 (3.81)
30.0	1.680 (42.67)	2.20 (55.88)	1.732 (43.99)	-----	0.045 SQ (1.143 SQ)	0.177 (4.50)
56.0	1.900 (48.26)	2.52 (64.01)	2.00 (50.8)	-----	0.045 SQ (1.143 SQ)	0.197 (5.00)

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