MHS SERIE S

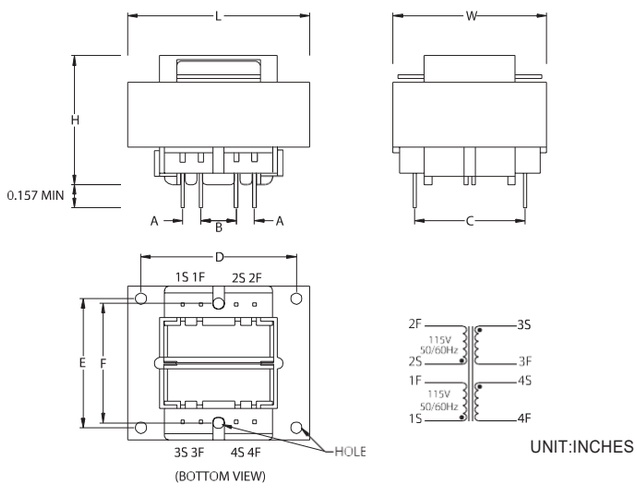
Universal Series Power Transformers

E189543
E186547

- The M H S series of universal Transformers i s designed and built to meet U.S. and international safety standards. These transformers are available in both PC and chassis-
- mount construction.
  With power ratings of 2.5VA to 56VA,these
- transformers are built on dual-bobbins with insulating shrouds to provide 4000V RMS isolation between primary and secondary.
  The non-concentric construction reduces primary to
- secondary capacitance.

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

Mechanical Dimensions:



UNIT:INCHES

	WT. (lb)	L 0.04	W 0.04	H 0.04	A 0.012	B 0.012
2.5	0.25	1.634	1.320	1.125	.200	.250
5.0	0.37	1.634	1.320	1.375	.200	.400
10.0	0.53	1.910	1.600	1.375	.200	.400
20.0	0.90	2.265	1.890	1.625	.400	.400
30.0	1.15	2.625	2.195	1.562	.550	.275
56.0	1.70	3.030	2.520	1.812	.600	.300

	C 0.02	D 0.04	E 0.04	F 0.04	PIN DIM 0.006	HOLE 0.02
2.5	1.000	----	----	1.062	.025 SQ	0.126
5.0	1.000	----	----	1.062	.025 SQ	0.126
10.0	1.140	----	----	1.260	.038 SQ	0.126
20.0	1.480	----	----	1.500	.038 SQ	0.150
30.0	1.680	2.20	1.732	----	.045 SQ	0.177
56.0	1.900	2.52	2	----	.045 SQ	0.197

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