

801 series

50Hz/60Hz/500Hz transformers

PRODUCT DESCRIPTION

West Coast Magnetics' 801 series 60 Hz transformers are an efficient, effective and safe way to provide isolation and voltage transformation for your 60 Hz application. These 60 Hz transformers are available in one or two section bobbins with up to 2500 Vac isolation between windings. West Coast Magnetics' design engineers and technicians can quickly build and deliver a transformer to your exact specification.

FEATURES & BENEFITS

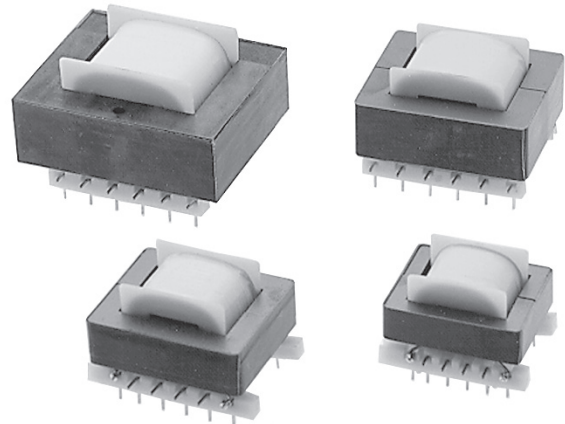
Power to 25 Watts – Fast prototype turnarounds – Complete designs from West Coast Magnetics requirements

OUTPUT POWER (VA) AT 60HZ vs TRANSFORMER SIZE

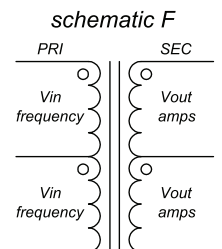
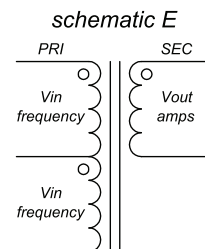
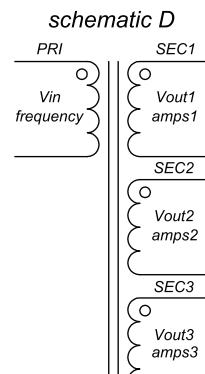
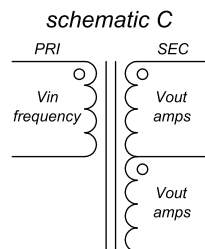
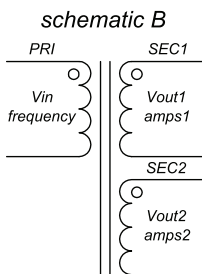
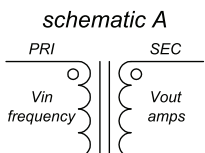


Product Code	VA
E 34	2.5
E 41	6.0
E 47	12.0
E 56	20.0

Note: Final sizing of the transformer will depend on a number of interrelated variables. The data in the above table should be considered a starting point only.

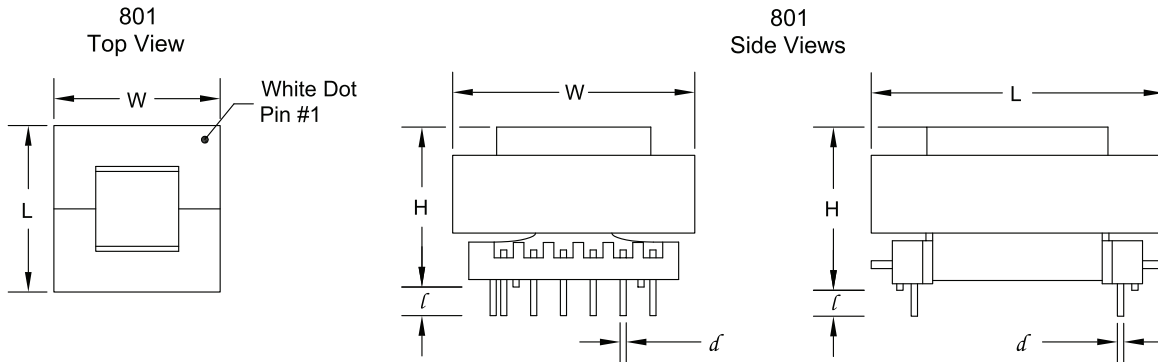


This custom power transformer will be designed precisely to your requirements. Choose a schematic below and click here to contact us with your specifications.

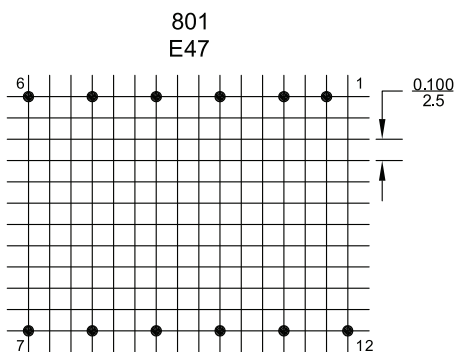
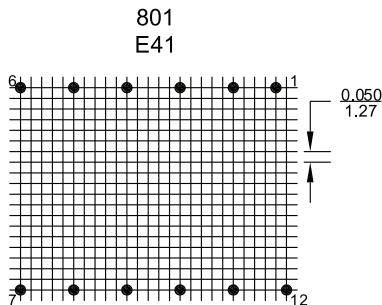
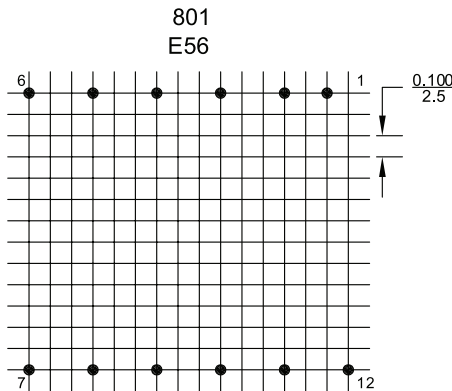
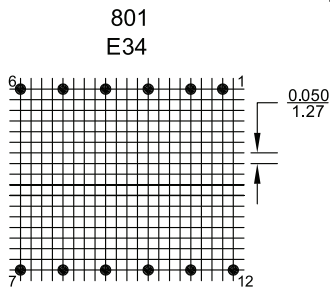


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Dimensions: $\frac{\text{inches}}{\text{mm}}$



PCB Layouts
Holes for bobbin



Note: L, W, H are maximum dimensions with mounting hardware.

Note: l is nominal pin length. Allow for $\pm 10\%$ variation in this dimension.

Size Code	L	W	H	l	d^*
E34	$\frac{1.25}{31.8}$	$\frac{1.49}{37.8}$	$\frac{1.05}{26.7}$	$\frac{0.125}{3.2}$	$\frac{0.025}{0.64}$
E41	$\frac{1.40}{35.6}$	$\frac{1.69}{42.9}$	$\frac{1.15}{29.2}$	$\frac{0.150}{3.8}$	$\frac{0.025}{0.64}$
E47	$\frac{1.60}{40.6}$	$\frac{1.90}{48.3}$	$\frac{1.32}{33.5}$	$\frac{0.135}{3.4}$	$\frac{0.025}{0.64}$
E56	$\frac{1.90}{48.3}$	$\frac{2.27}{57.7}$	$\frac{1.58}{40.1}$	$\frac{0.165}{4.2}$	$\frac{0.025}{0.64}$

* square

Note: All materials of construction minimum Class B 130° C rated.