

STANCOR®

“Low Boy” Low Profile

Split Bobbin-Printed Circuit Transformers

⚠ WARNING



ELECTROCUTION HAZARD

Disconnect electric power to system at main fuse or circuit breaker box before servicing. Failure to do so could result in death or serious injury.



FIRE HAZARD

Do not exceed transformer ratings. Higher voltage may damage control and could cause personal injury or property damage.

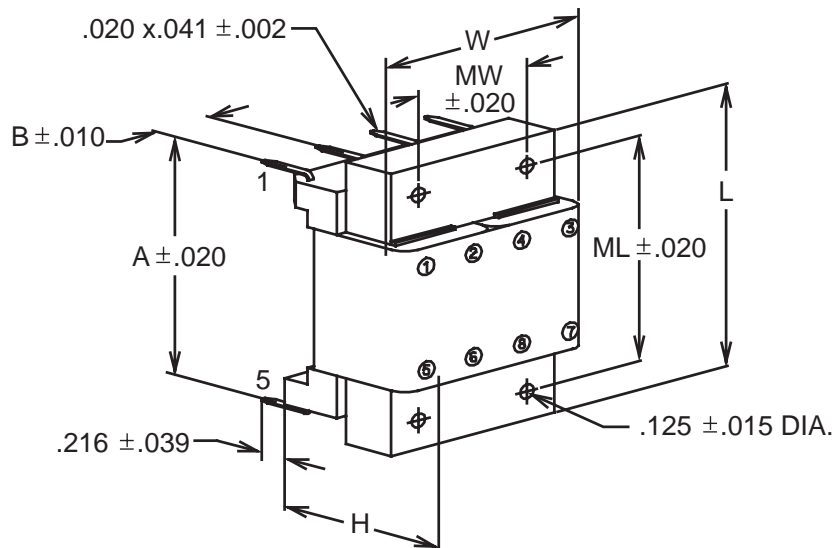
SPECIFICATIONS:

INPUT:	115/230VAC, 50/60Hz
OUTPUT:	See table on reverse side
INSULATION RATING:	Class A (105°C)
TEMPERATURE RISE:	65°C Max. rise over 40°C Max. ambient
DIELECTRIC STRENGTH:	2000 VRMS
AGENCY STANDARDS:	UL Recognized to UL-506
FILE NOs.:	UL File #E68100

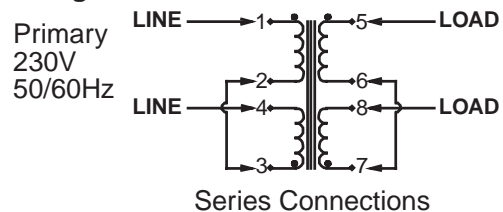
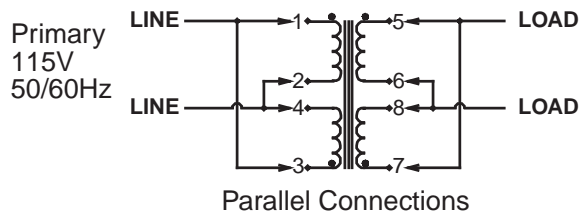
Output VA	Dimensions – inches							Wt. Lb.
	H	W	L	MW	ML	A	B	
2, 3	0.63	1.56	1.88	0.88	1.62	1.60	0.38	0.28
4, 5, 6	0.88	1.56	1.88	0.88	1.62	1.60	0.38	0.34
12	1.06	2.00	2.50	1.00	2.00	2.00	0.50	0.72

NOTES:

1. All dimensions in inches, unless otherwise specified.
2. All dimensions $\pm .062$, unless otherwise specified.



Connection Diagrams



PART NO. 37-6168B

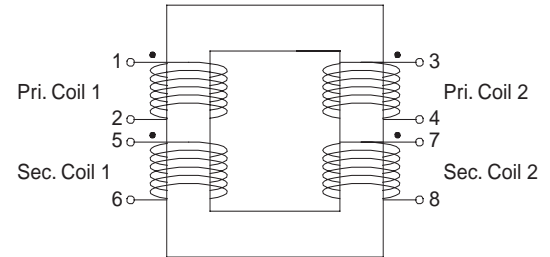
Replaces 37-6168A

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Split Bobbin-Printed Circuit Transformers

- Non-concentric winding provides isolation by design, eliminating the need for an electrostatic shield.
- Semi-Toroidal Construction—Reduces radiated magnetic fields and results in balanced windings.

STANCOR Part No.	V.A. or Watts	SECONDARY	
		Series Output Across 5 & 8 Connect 6 & 7	Parallell Output Across 5 & 7, 6 & 8
LB-210	2	10V C.T. @ 200 mA	5V @ 400 mA
LB-310	3	10V C.T. @ 300 mA	5V @ 600 mA
LB-410	4	10V C.T. @ 400 mA	5V @ 800 mA
LB-510	5	10V C.T. @ 500 mA	5V @ 1.0 A
LB-610	6	10V C.T. @ 600 mA	5V @ 1.2 A
LB-1210	12	10V C.T. @ 1.2 A	5V @ 2.4 A
LB-412	4	12V C.T. @ 333 mA	6V @ 667 mA
LB-512	5	12V C.T. @ 417 mA	6V @ 833 mA
LB-612	6	12.6V C.T. @ 450 mA	6.3V @ 900 mA
LB-1212	12	12.6V C.T. @ 900 mA	6.3V @ 1.8 A
LB-215	2	15V C.T. @ 150 mA	7.5V @ 300 mA
LB-315	3	15V C.T. @ 225 mA	7.5V @ 450 mA
LB-616	6	16V C.T. @ 350 mA	8V @ 700 mA
LB-1216	12	16V C.T. @ 700 mA	8V @ 1.4 A
LB-420	4	20V C.T. @ 200 mA	10V @ 400 mA
LB-520	5	20V C.T. @ 250 mA	10V @ 500 mA
LB-620	6	20V C.T. @ 300 mA	10V @ 600 mA
LB-1220	12	20V C.T. @ 600 mA	10V @ 1.2 A
LB-424	4	24V C.T. @ 167 mA	12V @ 333 mA
LB-524	5	24V C.T. @ 208 mA	12V @ 417 mA
LB-624	6	24V C.T. @ 250 mA	12V @ 500 mA
LB-1224	12	24V C.T. @ 500 mA	12V @ 1.0 A
LB-634	6	34V C.T. @ 170 mA	17V @ 340 mA
LB-1234	12	34V C.T. @ 340 mA	17V @ 680 mA
LB-240	2	40V C.T. @ 60 mA	20V @ 120 mA
LB-640	6	40V C.T. @ 150 mA	20V @ 300 mA
LB-1240	12	40V C.T. @ 300 mA	20V @ 600 mA
LB-256	2	56V C.T. @ 45 mA	28V @ 90 mA
LB-656	6	56V C.T. @ 100 mA	28V @ 200 mA
LB-1256	12	56V C.T. @ 200 mA	28V @ 400 mA
LB-288	2	88V C.T. @ 28 mA	44V @ 56 mA
LB-688	6	88V C.T. @ 65 mA	44V @ 130 mA
LB-1288	12	88V C.T. @ 130 mA	44V @ 260 mA
LB-2120	2	120V C.T. @ 20 mA	60V @ 40 mA
LB-4120	4	120V C.T. @ 33 mA	60V @ 66 mA
LB-5120	5	120V C.T. @ 41.7 mA	60V @ 83.3 mA
LB-6120	6	120V C.T. @ 50 mA	60V @ 100 mA
LB-12120	12	120V C.T. @ 100 mA	60V @ 200 mA
LB-2230	2	230V C.T. @ 10 mA	115V @ 20 mA
LB-6230	6	230V C.T. @ 25 mA	115V @ 50 mA
LB-12230	12	230V C.T. @ 50 mA	115V @ 100 mA



Explanation of Low Boy Interconnections
 Because of the toroidal effect, two identical coils are connected in series or parallel, but one of the coils must be connected in reverse in order to get correct polarity and voltage.