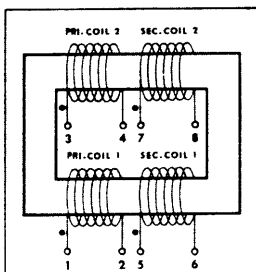


STANCOR® LOW BOY™ LOW PROFILE

® U.L. RECOGNIZED UNIT.
(File Card E-68100)

ITEM A



ITEM B

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.

LOW BOY APPLICATIONS:
Electronic Game Systems.
Computer Peripherals.
Switching Power Supplies.
Medical Electronics.
Instrumentation Equipment.
Telephone Modems.

Communications Equipment.
Computer "On Board" Power.
Machine Control Logic Systems.
ROBOTICS.
Consumer Electronics.

SPECIFICATIONS:

LOW-BOY™ — allow 3/4" card spacing for 2 & 3 VA units; 1" for 4, 5 & 6 VA, and 1 1/4" for 12 VA units.
DUAL PRIMARIES — versatility!!
115/230V, 50/60/400 Hz.
SPLIT BOBBIN — side by side windings — (No static shield)

SEMI-TOROIDAL CONSTRUCTION —
Reduces Radiated Magnetic Fields and
Results in Balanced Windings.
HI-POT — 2000 volts standard RMS
P.C. TERMINALS — Precision Spaced

APPLICATION DATA

Stancor's Low-Boy™ Power Transformer is designed to surpass competitive market offerings in cost, size and versatility to the designer. Applicable to low clearance, stacked printed circuit board and solid state power designs, the Low-Boy™ will allow closer board stack spacing at lower power levels. — (down to 200 MA at 10 volts—perfect for many CMOS applications.)

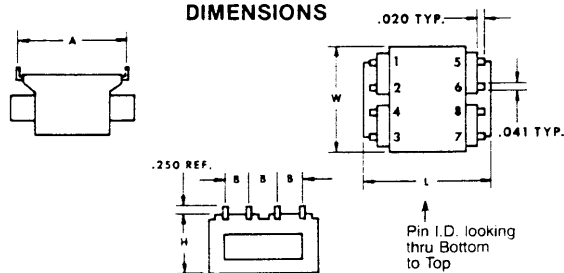
These units also can be used for control and instrumentation applications.

ENGINEERING DATA

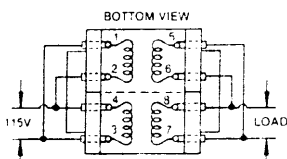
Non-concentric winding provides isolation by design, eliminating the need for an electrostatic shield. These units have standard precision spaced printed circuit terminals.

Consult Factory For Special Design Requirements

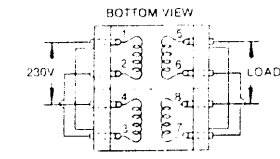
DIMENSIONS



Output Watts	Dimensions-Inches				
	H	W	L	A	B
2, 3	.625	1.562	1.875	1.600	.375
4, 5, 6	.875	1.562	1.875	1.600	.375
12	1.062	2.000	2.500	2.000	.500



PARALLEL CONNECTION
115V PRI
INPUT ACROSS TERM 5, 1 & 3, 2 & 4
LOAD SEC
OUTPUT ACROSS TERM 5, 8 & 7, 6 & 8



SERIES CONNECTION
230V PRI
INPUT ACROSS TERM 5, 1 & 4, 3 & 2
LOAD SEC
OUTPUT ACROSS TERM 5, 8 & 8, 7 & 6

S E C T	STANCOR Part No.	V.A or Watts	Secondary		Wt. Oz.
			Series Output Across 5 & 8 Connect 6 & 7	Parallel Output Across 5 & 7, 6 & 8	
A	LB210	2	10V C.T. @ 200MA	5V @ 400MA	4.5
	LB310	3	10V C.T. @ 300MA	5V @ 600MA	4.5
	LB410	4	10V C.T. @ 400MA	5V @ 800MA	5.5
	LB510	5	10V C.T. @ 500MA	5V @ 1.0A	5.5
	LB610	6	10V C.T. @ 600MA	5V @ 1.2A	5.5
B	LB1210	12	10V C.T. @ 1200MA	5V @ 2.4A	11.5
	LB412	4	12V C.T. @ 333MA	6V @ 667MA	5.5
C	LB512	5	12V C.T. @ 417MA	6V @ 833MA	5.5
	LB612	6	12 6V C.T. @ 450MA	6.3V @ 900MA	5.5
D	LB1212	12	12 6V C.T. @ 900MA	6.3V @ 1.8A	11.5
	LB215	2	15V C.T. @ 150MA	7.5V @ 300MA	4.5
E	LB315	3	15V C.T. @ 200MA	7.5V @ 450MA	4.5
	LB616	6	16V C.T. @ 350MA	8V @ 700MA	5.5
F	LB1216	12	16V C.T. @ 700MA	8V @ 1.4A	11.5
	LB420	4	20V C.T. @ 200MA	10V @ 400MA	5.5
	LB520	5	20V C.T. @ 250MA	10V @ 500MA	5.5
	LB620	6	20V C.T. @ 300MA	10V @ 600MA	5.5
	LB1220	12	20V C.T. @ 600MA	10V @ 1.2A	11.5
G	LB424	4	24V C.T. @ 167MA	12V @ 333MA	5.5
	LB524	5	24V C.T. @ 208MA	12V @ 417MA	5.5
	LB624	6	24V C.T. @ 250MA	12V @ 500MA	5.5
H	LB1224	12	24V C.T. @ 500MA	12V @ 1A	11.5
	LB634	6	34V C.T. @ 170MA	17V @ 340MA	5.5
	LB1234	12	34V C.T. @ 340MA	17V @ 680MA	11.5
I	LB240	2	40V C.T. @ 60MA	20V @ 120MA	4.5
	LB640	6	40V C.T. @ 150MA	20V @ 300MA	5.5
	LB1240	12	40V C.T. @ 300MA	20V @ 600MA	11.5
J	LB256	2	56V C.T. @ 45MA	28V @ 90MA	4.5
	LB656	6	56V C.T. @ 100MA	28V @ 200MA	5.5
	LB1256	12	56V C.T. @ 200MA	28V @ 400MA	11.5
K	LB288	2	88V C.T. @ 28MA	44V @ 56MA	4.5
	LB688	6	88V C.T. @ 65MA	44V @ 130MA	5.5
	LB1288	12	88V C.T. @ 130MA	44V @ 260MA	11.5
L	LB2120	2	120V C.T. @ 20MA	60V @ 40MA	4.5
	LB4120	4	120V C.T. @ 33MA	60V @ 66MA	5.5
	LB5120	5	120V C.T. @ 41.7MA	60V @ 83.3MA	5.5
	LB6120	6	120V C.T. @ 50MA	60V @ 100MA	5.5
	LB12120	12	120V C.T. @ 100MA	60V @ 200MA	11.5
M	LB2230	2	230V C.T. @ 10MA	115V @ 20MA	4.5
	LB6230	6	230V C.T. @ 25MA	115V @ 50MA	5.5
	LB12230	12	230V C.T. @ 50MA	115V @ 100MA	11.5

√ New Item.