

Telephone Coupling/Impedance Matching Transformers



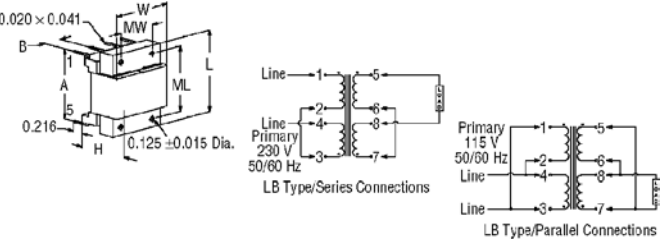
- Features**
- ▶ Small and Lightweight, All Items Weigh Under 1 Oz.
 - ▶ Low Insertion Losses
 - ▶ Some Items Offer Dual Secondary Windings for Greater Flexibility
 - ▶ Low Distortion — 0.5% Max.

Specifications
Maximum Operating Temperature: 105°C. Dielectric Strength: 1500 VRMS. Maximum Distortion: 0.5% @ 300-3.5 KHz. Frequency Response: ±0.5 dB 300-3.5 KHz. Longitudinal Balance: 60 dB min @ 200-1 KHz, 40 dB min. @ 4 KHz.

Stock No.	Mfr.'s Type	Fig.	Impedance		Primary DCR	Dimensions — Inches					Weight (Oz.)	EACH 1-49
			Primary ±15%	Secondary ±10%		W	L	H	B	C		
928-9012	TTPC-2†	A	600	600 C.T.	46	0.781	0.650	0.490	0.145	0.530	0.5	4.04
928-7615	TTPC-3†	A	600 C.T.	600 C.T.	46	0.781	0.650	0.490	0.145	0.530	0.5	4.04
928-9020	TTPC-6†	B	600	600 C.T.	71	0.815	0.650	0.750	0.187	0.421	1.0	2.84
928-9022	TTPC-7†	B	600	600	36	0.781	0.650	0.740	0.187	0.421	0.6	2.84
928-9024	TTPC-8†	B	600 C.T.	600 C.T.	36	0.781	0.650	0.740	0.187	0.421	0.6	2.84
928-7620	TTPC-9†	B	600	600/600	47	1.040	0.958	0.859	0.200	0.781	1.0	2.84
928-9500	TTPC-13	C	600	600 C.T.	73	0.815	0.750	0.625	0.200	0.500	0.5	2.36

*DC current — 0 mA. †DC current — 90 mA. ‡Insertion losses — 1.2 dB max. @ 1 KHz. •Insertion losses — 1.8 dB max. @ 1 KHz.

Low Profile Transformers Low Boy™ Series



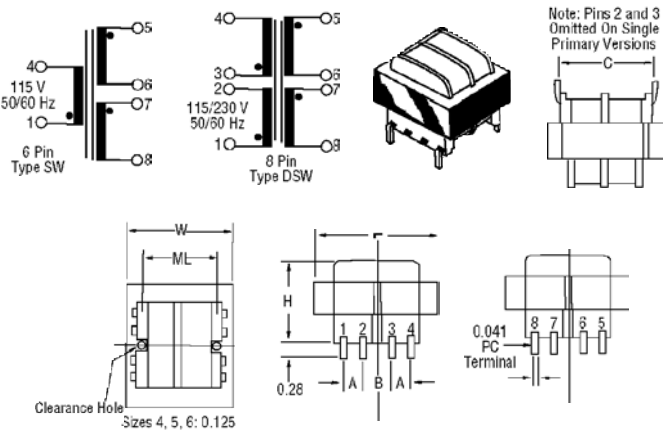
Explanation of Low Boy Interconnections. Because of the toroidal effect, two identical coils are connected in series or parallel, but one of the coils must be connected in reverse in order to get correct polarity and voltage.

The 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). Semi-toroidal construction reduces radiated magnetic fields and results in balanced windings. Non-concentric winding provides isolation by design, eliminating the need for an electrostatic shield. Allow 3/4" card spacing for 2 and 3, VA units; 1" for 4, 5, and 6 VA; 1 1/4" for 12 VA units. Dual primaries — 115/230 V, 50/60 Hz. Allows standard hi Pot — 2000 volts. Precision spaced PC terminals. UL recognized unit (file card E-68100).

Output Watts	Dimensions (Inches)				
	H	W	L	A	B
2, 3	0.625	1.562	1.875	1.600	0.375
6	0.875	1.562	1.875	1.600	0.375
12	1.062	2.000	2.500	2.000	0.500

Stock No.	Mfr.'s Type	VA or Watts	Secondary		Wt. Oz.	EACH	
			Series	Parallel		1-49	50-99
928-5103	LB240	2	40.0 V C.T. @ 60 MA	20.0 V @ 120 MA	4.5	8.96	8.35
928-5108	LB315	3	15.0 V C.T. @ 225 MA	7.5 V @ 450 MA	4.5	9.05	8.44
928-5119	LB610	6	10.0 V C.T. @ 600 MA	5.0 V @ 1.2 A	5.5	9.70	9.04
928-5121	LB612	6	12.6 V C.T. @ 450 MA	6.3 V @ 900 MA	5.5	9.70	9.04
928-5123	LB616	6	16.0 V C.T. @ 350 MA	8.0 V @ 700 MA	5.5	9.70	9.04
928-5125	LB620	6	20.0 V C.T. @ 300 MA	10.0 V @ 600 MA	5.5	9.70	9.04
928-5129	LB634	6	34.0 V C.T. @ 170 MA	17.0 V @ 340 MA	5.5	9.70	9.04
928-5122	LB1212	12	12.6 V C.T. @ 900 MA	6.3 V @ 1.8 A	11.5	10.33	9.63
928-5128	LB1224	12	24.0 V C.T. @ 500 MA	12.0 V @ 1 A	11.5	10.32	9.62
928-5130	LB1234	12	34.0 V C.T. @ 340 MA	17.0 V @ 680 MA	11.5	10.33	9.63
928-5132	LB1240	12	40.0 V C.T. @ 300 MA	20.0 V @ 600 MA	11.5	10.33	9.63
928-5140	LB12230	12	230.0 V C.T. @ 50 MA	115.0 V @ 100 MA	11.5	10.33	9.63

Split Bobbin PC Mount Transformers Side Winder Series



Side Winder applications include electronic game systems, computer peripherals, medical electronics, and switching power supplies. Split bobbin winding and low capacitive coupling design eliminates electrostatic shielding requirement and expense. High isolation, 2,500 V rms. Hi-Pot testing. PC pins, precision spaced, insert directly into PC boards. Class B insulation, 130° C.

Size	VA	Dimensions (Inches)								Wt. Lbs.
		H	W	L	ML	A	B	C		
2	1.1	15/16	1 1/8	1 3/8	—	0.250	0.250	1.200	0.17	
3	2.5	1 9/16	1 1/8	1 3/8	1 1/16	0.250	0.250	1.200	0.25	
4	6.0	1 9/16	1 9/16	1 9/8	1 1/16	0.250	0.350	1.280	0.44	
5	12.0	1 7/16	1 9/16	1 7/8	1 1/4	0.300	0.400	1.410	0.70	
6	20.0	1 7/16	1 7/8	2 1/4	1 1/2	0.300	0.400	1.600	0.80	

“Side Winder” Single 115 V, 50/60 Hz, 6 Pin

Note: First digit after “SW” in Mfr.’s Type indicates size code listed above.

Stock No.	Mfr.'s Type	Secondary RMS Rating			EACH	
		Individual	Series	Parallel	1-9	10-24
928-0100	SW-210	5.0 V @ 0.110 A	10.0 V C.T. @ 0.110 A	5.0 V @ 0.22 A	5.84	5.45
928-0102	SW-410	5.0 V @ 0.600 A	10.0 V C.T. @ 0.600 A	5.0 V @ 1.20 A	7.46	