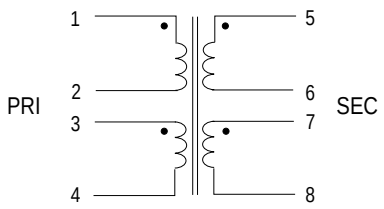
Low Profile PC Power Transformers

Low Profile PC Power transformers are used in semi-conductor control and instrumentation. They are used extensively in single or dual output DC supplies, isolated control circuit & reference supplies.

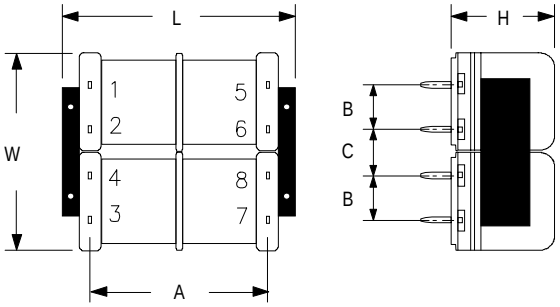
Schematic

Parallel External Connections:
1-3, 2-4 & 5-7, 6-8

Series External Connections:
2-3 & 6-7



Part Number	VA	Secondary Ratings --- Series --- V	I(mA)	--- Parallel --- V	I (mA)
T-60300	2.5	10.0	250	5.0	500
T-60301	6.0	10.0	600	5.0	1200
T-60303	12.0	10.0	1200	5.0	2400
T-60304	24.0	10.0	2400	5.0	4800
T-60305	48.0	10.0	4800	5.0	9600
T-60306	2.5	12.6	198	6.3	397
T-60307	6.0	12.6	476	6.3	952
T-60309	12.0	12.6	952	6.3	1905
T-60310	24.0	12.6	1905	6.3	3810
T-60311	48.0	12.6	3810	6.3	7619
T-60312	2.5	16.0	156	8.0	313
T-60313	6.0	16.0	375	8.0	750
T-60315	12.0	16.0	750	8.0	1500
T-60316	24.0	16.0	1500	8.0	3000
T-60317	48.0	16.0	3000	8.0	6000
T-60318	2.5	20.0	125	10.0	250
T-60319	6.0	20.0	300	10.0	600
T-60321	12.0	20.0	600	10.0	1200
T-60322	24.0	20.0	1200	10.0	2400
T-60323	48.0	20.0	2400	10.0	4800
T-60324	2.5	24.0	104	12.0	208
T-60325	6.0	24.0	250	12.0	500
T-60327	12.0	24.0	500	12.0	1000
T-60328	24.0	24.0	1000	12.0	2000
T-60329	48.0	24.0	2000	12.0	4000
T-60330	2.5	30.0	83	15.0	167
T-60331	6.0	30.0	200	15.0	400
T-60333	12.0	30.0	400	15.0	800
T-60334	24.0	30.0	800	15.0	1600
T-60335	48.0	30.0	1600	15.0	3200
T-60336	2.5	34.0	74	17.0	147
T-60337	6.0	34.0	176	17.0	353
T-60339	12.0	34.0	353	17.0	706
T-60340	24.0	34.0	706	17.0	1412
T-60341	48.0	34.0	1412	17.0	2824
T-60342	2.5	40.0	63	20.0	125



Size (VA)	Dimension in Inches A	B	C	L	W	H
2.5	1.60	0.375	0.375	1.87	1.56	0.650
6	1.60	0.375	0.375	1.87	1.56	0.850
12	2.00	0.500	0.500	2.50	2.00	1.065
24	1.90	0.600	0.530	2.87	2.25	1.250
48	2.18	0.600	0.660	3.12	2.50	1.375

Dual Primaries: 115/230V, 50/60 Hz
3 Flange Bobbin Design -- 4 Sizes
5 VA Ratings -- Hi-Pot 1500 VRMS

NON-CONCENTRIC WINDING: Primary and Secondary are wound side-by-side rather than layered. The added isolation reduces interwinding capacitance, eliminating the need for an electro-static shield. Additionally, it reduces radiated magnetic fields.

Part Number	VA	Secondary Ratings --- Series --- V	I(mA)	--- Parallel --- V	I(mA)
T-60343	6.0	40.0	150	20.0	300
T-60345	12.0	40.0	300	20.0	600
T-60346	24.0	40.0	600	20.0	1200
T-60347	48.0	40.0	1200	20.0	2400
T-60348	2.5	56.0	45	28.0	89
T-60349	6.0	56.0	107	28.0	214
T-60351	12.0	56.0	214	28.0	429
T-60352	24.0	56.0	429	28.0	857
T-60353	48.0	56.0	857	28.0	1714
T-60354	2.5	88.0	28	44.0	57
T-60355	6.0	88.0	68	44.0	136
T-60357	12.0	88.0	136	44.0	273
T-60358	2.5	120.0	21	60.0	42
T-60359	6.0	120.0	50	60.0	100
T-60361	12.0	120.0	100	60.0	200
T-60362	2.5	230.0	11	115.0	22
T-60363	6.0	230.0	26	115.0	52
T-60365	12.0	230.0	52	115.0	104

Rhombus Industries Inc.
Transformers & Magnetic Products
15801 Chemical Lane
Huntington Beach, California 92649-1595
Phone: (714) 898-0960 • FAX: (714) 896-0971