Pulse Electronics

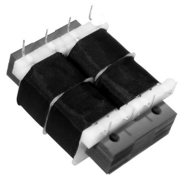
LAMINATED Transformers



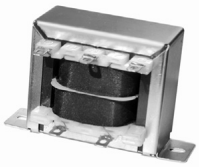
PRODUCT OVERVIEW: LAMINATED TRANSFORMERS

Pulse offers power ratings from 1.1 VA to 175 VA, open frame transformers, with a wide variety of domestic and international agency approvals. Pulse is truly the one-stop-shop for all your 50/60 Hz transformer needs.

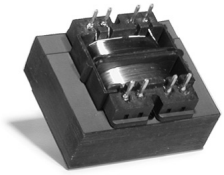
This catalog serves as an overview for the Pulse Laminated Transformers product line. Contact Pulse Power Applications Engineering by e-mail prodinfo_power@pulseelectronics.com, for more information.



Low Profile Plug-In
- Print circuit mounting
- 1500 V, primary to secondary isolation
- Low profile design
- Vacuum impregnated
- Baked resin



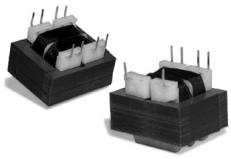
Chasis Tran
- Channel frame
- 2500 V, primary
- Non-concentric
- Vacuum impregnated
- Baked resin



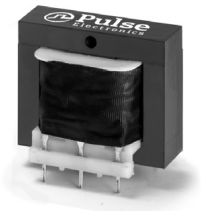
International PC Plug-In
- PC board plug-in mounting
- Dual bobbin, high (4000 V) primary to secondary isolation
- Non-concentric design
- Vacuum impregnated
- Baked resin



International High Power
- Chassis mounting
- Dual bobbin; high (4000 V) primary to secondary isolation
- Non-concentric design
- Vacuum impregnated
- Baked resin



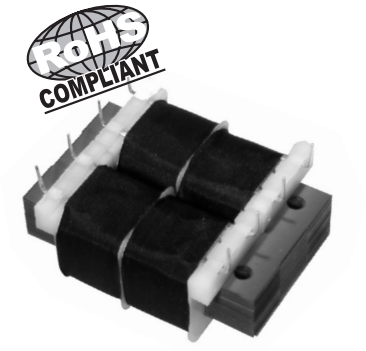
Split Bobbin, Horizontal Plug-In
- Print circuit mounting
- 2500 Vrms Hipot
- Non-concentric design
- Vacuum impregnated
- Baked resin



Concentric, Vertical Profile, PC Plug-In
- Industry standard footprint
- 1500 V primary to secondary isolation
- Concentric vertical mount
- Vacuum impregnated
- Baked resin

Laminated Transformers

Low Frequency, Open-Style Laminated, Low Profile, Plug-In Series



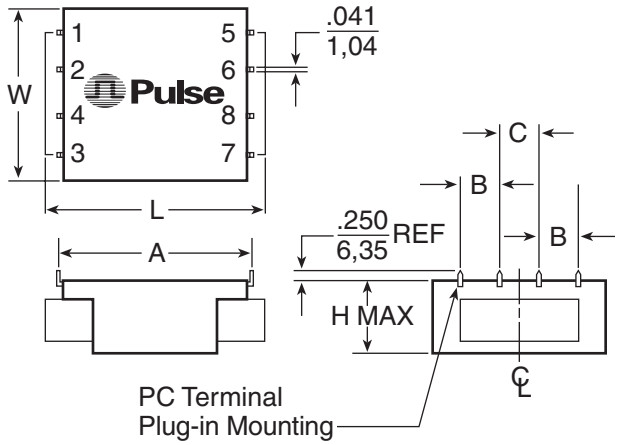
AGENCY APPROVALS

- UL, 506, File E73539
- UL 1446, File E179499
- CSA 22.2#66, File LR68051-2

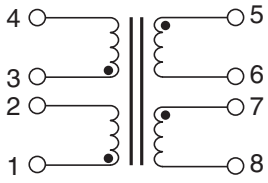
- *Semi-toroidal construction reduces EMI*
- *Low profile - Ideal for low height PC board applications*
- *1500VRMS HIPOT*
- *Vacuum impregnated - withstands board washing systems and reduces audible noise*
- *Baked resin provides environmentally-resistant finish*
- *Sizes 2, 6 and 12 are available as encapsulated, hermatically sealed (request drawings)*

Part Number	Size	Secondary RMS Rating	
		Series	Parallel
LP10-250B23	2	10V C.T. @ 250mA	5V @ 500mA
LP10-600B1	6	10V C.T. @ 600mA	5V @ 1.20A
LP10-1200B2	12	10V C.T. @ 1.20A	5V @ 2.40A
LP12-200B24	2	12.6V C.T. @ 200mA	6.3V @ 400mA
LP12-450B3	6	12.6V C.T. @ 450mA	6.3V @ 900mA
LP12-900B4	12	12.6V C.T. @ 900mA	6.3V @ 1.80A
LP16-150B25	2	16V C.T. @ 150mA	8V @ 300mA
LP16-350B5	6	16V C.T. @ 350mA	8V @ 700mA
LP16-700B6	12	16V C.T. @ 700mA	8V @ 1.40A
LP18-135B105	2	18V C.T. @ 135mA	9V @ 270mA
LP18-325B106	6	18V C.T. @ 325mA	9V @ 650mA
LP18-650B107	12	18V C.T. @ 650mA	9V @ 1.30A
LP20-125B26	2	20V C.T. @ 125mA	10V @ 250mA
LP20-300B7	6	20V C.T. @ 300mA	10V @ 600mA
LP20-600B8	12	20V C.T. @ 600mA	10V @ 1.20A
LP24-100B27	2	24V C.T. @ 100mA	12V @ 200mA
LP24-250B9	6	24V C.T. @ 250mA	12V @ 500mA
LP24-500B10	12	24V C.T. @ 500mA	12V @ 1.00A
LP28-90B115	2	28V C.T. @ 90mA	14V @ 180mA
LP28-215B116	6	28V C.T. @ 215mA	14V @ 430mA
LP28-430B117	12	28V C.T. @ 430mA	14V @ 860mA
LP30-85B125	2	30V C.T. @ 85mA	15V @ 170mA
LP30-200B126	6	30V C.T. @ 200mA	15V @ 400mA
LP30-400B127	12	30V C.T. @ 400mA	15V @ 800mA
LP34-75B28	2	34V C.T. @ 75mA	17V @ 150mA
LP34-170B11	6	34V C.T. @ 170mA	17V @ 340mA
LP34-340B12	12	34V C.T. @ 340mA	17V @ 680mA
LP40-60B29	2	40V C.T. @ 60mA	20V @ 120mA
LP40-150B13	6	40V C.T. @ 150mA	20V @ 300mA
LP40-300B14	12	40V C.T. @ 300mA	20V @ 600mA
LP56-45B30	2	56V C.T. @ 45mA	28V @ 90mA
LP56-100B15	6	56V C.T. @ 100mA	28V @ 200mA
LP56-200B16	12	56V C.T. @ 200mA	28V @ 400mA
LP88-28B31	2	88V C.T. @ 28mA	44V @ 56mA
LP88-65B17	6	88V C.T. @ 65mA	44V @ 130mA
LP88-130B18	12	88V C.T. @ 130mA	44V @ 260mA
LP120-20B32	2	120V C.T. @ 20mA	60V @ 40mA
LP120-50B19	6	120V C.T. @ 50mA	60V @ 100mA
LP120-100B20	12	120V C.T. @ 100mA	60V @ 200mA
LP230-10B33	2	230V C.T. @ 10mA	115V @ 20mA
LP230-25B21	6	230V C.T. @ 25mA	115V @ 50mA
LP230-50B22	12	230V C.T. @ 50mA	115V @ 100mA

Mechanical



Schematic

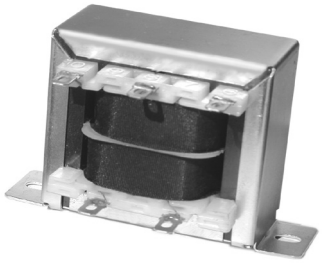


Dimensions (inches)

Size	L	W	H	A	B	C	Wt. (oz.)	Reg. (% TYPE)	Trise (°C TYPE)
2	1.875	1.562	.650	1.600	.375	.375	5	20	25
6	1.875	1.562	.850	1.600	.375	.375	7	18	30
12	2.500	2.000	1.065	2.000	.500	.500	11	15	30

Laminated Transformers

Low Frequency, Open-Style Laminated, Chassis-Tran Series

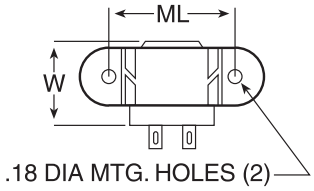


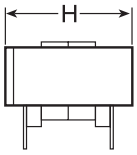
AGENCY APPROVALS

- UL, 506, File E73539
- UL 1446, File E179499
- CSA 22.2#66, File LR68051-2
- UL Recognized Class B

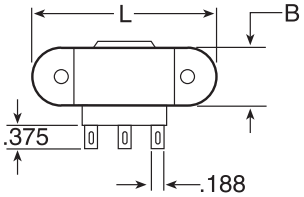
- *Channel frame mounting*
- *Split bobbin. High isolation (2500V). 2500VRMS Hipot*
- *Non-concentric design - eliminates ESS*
- *No crossover between primary/secondary winding leads*
- *Vacuum impregnated - withstands board washing systems and reduces audible noise*
- *Baked resin provides environmentally-resistant finish*
- *Center tapped secondary offers dual outputs*
- *Terminals suitable for either hard wiring or quick connect*

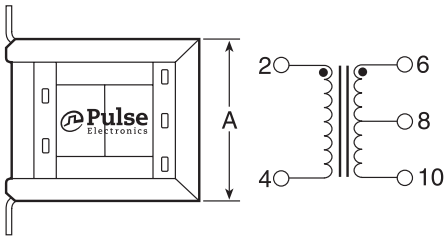
Mechanicals



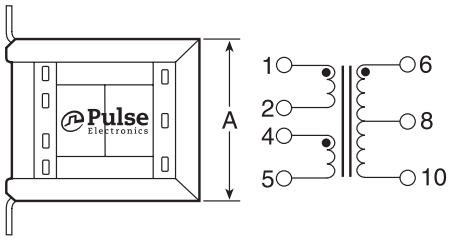


Schematics





Single 115V



Dual 115/230V

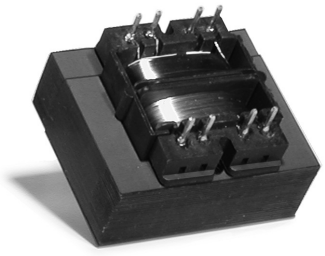
Dimensions (inches)

Size	VA	L	W	H	A	B	ML	Wt. (lb.)
3	2.4	2.06	1.06	1.19	1.62	0.56	1.75	0.25
4	6	2.38	1.25	1.38	1.69	0.69	2.00	0.44
5	12	2.81	1.38	1.63	1.94	0.81	2.38	0.70
6	30	3.25	1.69	1.94	2.31	1.06	2.81	1.10
7	56	3.69	1.81	2.25	2.69	1.06	3.13	1.70
8	100	4.03	2.25	2.56	3.06	1.31	3.56	2.75

Part Number		Secondary RMS Rating
Single 115V	Dual 115/230V	
241-3-10A1	(not available)	10V C.T. @ 0.25A
241-4-10A11	DP 241-4-10A11	10V C.T. @ 0.6A
241-5-10A21	DP 241-5-10A21	10V C.T. @ 1.2A
241-6-10A31	DP 241-6-10A31	10V C.T. @ 3.0A
241-7-10A41	DP 241-7-10A41	10V C.T. @ 5.0A
241-8-10A51	DP 241-8-10A51	10V C.T. @ 10A
241-3-12A2	(not available)	12.6V C.T. @ 0.2A
241-4-12A12	DP 241-4-12A12	12.6V C.T. @ 0.5A
241-5-12A22	DP 241-5-12A22	12.6V C.T. @ 1.0A
241-6-12A32	DP 241-6-12A32	12.6V C.T. @ 2.5A
241-7-12A42	DP 241-7-12A42	12.6V C.T. @ 4.0A
241-8-12A52	DP 241-8-12A52	12.6V C.T. @ 8.0A
241-3-16A3	(not available)	16V C.T. @ 0.15A
241-4-16A13	DP 241-4-16A13	16V C.T. @ 0.4A
241-5-16A23	DP 241-5-16A23	16V C.T. @ 0.8A
241-6-16A33	DP 241-6-16A33	16V C.T. @ 2.0A
241-7-16A43	DP 241-7-16A43	16V C.T. @ 3.5A
241-8-16A53	DP 241-8-16A53	16V C.T. @ 6.25A
241-3-20A4	(not available)	20V C.T. @ 0.12A
241-4-20A14	DP 241-4-20A14	20V C.T. @ 0.3A
241-5-20A24	DP 241-5-20A24	20V C.T. @ 0.6A
241-6-20A34	DP 241-6-20A34	20V C.T. @ 1.5A
241-7-20A44	DP 241-7-20A44	20V C.T. @ 2.8A
241-8-20A54	DP 241-8-20A54	20V C.T. @ 5.0A
241-3-24A5	(not available)	24V C.T. @ 0.1A
241-4-24A15	DP 241-4-24A15	24V C.T. @ 0.25A
241-5-24A25	DP 241-5-24A25	24V C.T. @ 0.5A
241-6-24A35	DP 241-6-24A35	24V C.T. @ 1.25A
241-7-24A45	DP 241-7-24A45	24V C.T. @ 2.4A
241-8-24A55	DP 241-8-24A55	24V C.T. @ 4.0A
241-3-28A6	(not available)	28V C.T. @ 0.085A
241-4-28A16	DP 241-4-28A16	28V C.T. @ 0.2A
241-5-28A26	DP 241-5-28A26	28V C.T. @ 0.42A
241-6-28A36	DP 241-6-28A36	28V C.T. @ 1.1A
241-7-28A46	DP 241-7-28A46	28V C.T. @ 2.0A
241-8-28A56	DP 241-8-28A56	28V C.T. @ 3.6A
241-3-36A7	(not available)	36V C.T. @ 0.065A
241-4-36A17	DP 241-4-36A17	36V C.T. @ 0.17A
241-5-36A27	DP 241-5-36A27	36V C.T. @ 0.35A
241-6-36A37	DP 241-6-36A37	36V C.T. @ 0.85A
241-7-36A47	DP 241-7-36A47	36V C.T. @ 1.5A
241-8-36A57	DP 241-8-36A57	36V C.T. @ 2.8A
241-3-48A8	(not available)	48V C.T. @ 0.05A
241-4-48A18	DP 241-4-48A18	48V C.T. @ 0.125A
241-5-48A28	DP 241-5-48A28	48V C.T. @ 0.25A
241-6-48A38	DP 241-6-48A38	48V C.T. @ 0.63A
241-7-48A48	DP 241-7-48A48	48V C.T. @ 1.2A
241-8-48A58	DP 241-8-48A58	48V C.T. @ 2.0A
241-3-56A9	(not available)	56V C.T. @ 0.045A
241-4-56A19	DP 241-4-56A19	56V C.T. @ 0.11A
241-5-56A29	DP 241-5-56A29	56V C.T. @ 0.22A
241-6-56A39	DP 241-6-56A39	56V C.T. @ 0.54A
241-7-56A49	DP 241-7-56A49	56V C.T. @ 1.0A
241-8-56A59	DP 241-8-56A59	56V C.T. @ 1.8A
241-3-120A10	(not available)	120V C.T. @ 0.02A
241-4-120A20	DP 241-4-120A20	120V C.T. @ 0.05A
241-5-120A30	DP 241-5-120A30	120V C.T. @ 0.1A
241-6-120A40	DP 241-6-120A40	120V C.T. @ 0.25A
241-7-120A50	DP 241-7-120A50	120V C.T. @ 0.5A
241-8-120A60	DP 241-8-120A60	120V C.T. @ 0.85A

Laminated Transformers

Low Frequency, Open-Style Laminated, International PC Plug-In Series



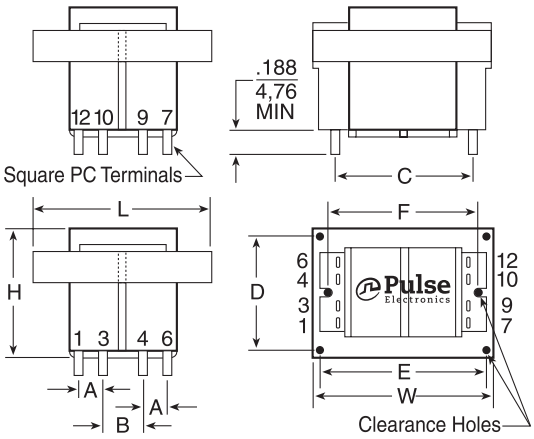
AGENCY APPROVALS

- UL, 506, File E73539
- UL Recognized Class B
- UL 1446, File E179499
- CSA 22.2#66, File LR68051-2
- TUV, EN61558

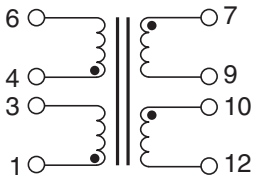
- *PC board plug-in mounting*
- *Double reinforced insulation*
- *Dual bobbin; high (4000V) primary to secondary isolation*
- *Non-concentric design - eliminates ESS and reduces primary to secondary capacitance*
- *No crossover between primary/secondary leads*
- *Vacuum impregnated - withstands board washing systems and reduces audible noise*
- *Baked resin provides an environmentally-resistant finish*

Part No. PC Mount	VA (Size)	Secondary RMS Rating	
		Series	Parallel
14A-2.5-10B1	2.5	10V C.T. @ 0.25A	5V @ 0.5A
14A-5.0-10B2	5	10V C.T. @ 0.5A	5V @ 1.0A
14A-10-10B3	10	10V C.T. @ 1.0A	5V @ 2.0A
14A-20-10B4	20	10V C.T. @ 2.0A	5V @ 4.0A
14A-30-10B5	30	10V C.T. @ 3.0A	5V @ 6.0A
14A-56-10B6	56	10V C.T. @ 5.6A	5V @ 11.2A
14A-2.5-12B7	2.5	12.6V C.T. @ 0.2A	6.3V @ 0.4A
14A-5.0-12B8	5	12.6V C.T. @ 0.4A	6.3V @ 0.8A
14A-10-12B9	10	12.6V C.T. @ 0.8A	6.3V @ 1.6A
14A-20-12B10	20	12.6V C.T. @ 1.6A	6.3V @ 3.2A
14A-30-12B11	30	12.6V C.T. @ 2.4A	6.3V @ 4.8A
14A-56-12B12	56	12.6V C.T. @ 4.4A	6.3V @ 8.8A
14A-2.5-16B13	2.5	16V C.T. @ 0.15A	8V @ 0.3A
14A-5.0-16B14	5	16V C.T. @ 0.31A	8V @ 0.62A
14A-10-16B15	10	16V C.T. @ 0.62A	8V @ 1.25A
14A-20-16B16	20	16V C.T. @ 1.25A	8V @ 2.5A
14A-30-16B17	30	16V C.T. @ 1.9A	8V @ 3.8A
14A-56-16B18	56	16V C.T. @ 3.5A	8V @ 7.0A
14A-2.5-20B19	2.5	20V C.T. @ 0.12A	10V @ 0.24A
14A-5.0-20B20	5	20V C.T. @ 0.25A	10V @ 0.5A
14A-10-20B21	10	20V C.T. @ 0.5A	10V @ 1.0A
14A-20-20B22	20	20V C.T. @ 1.0A	10V @ 2.0A
14A-30-20B23	30	20V C.T. @ 1.5A	10V @ 3.0A
14A-56-20B24	56	20V C.T. @ 2.8A	10V @ 5.6A
14A-2.5-24B25	2.5	24V C.T. @ 0.1A	12V@ 0.2A
14A-5.0-24B26	5	24V C.T. @ 0.21A	12V @ 0.42A
14A-10-24B27	10	24V C.T. @ 0.42A	12V @ 0.84A
14A-20-24B28	20	24V C.T. @ 0.83A	12V @1.66A
14A-30-24B29	30	24V C.T. @ 1.25A	12V @ 2.5A
14A-56-24B30	56	24V C.T. @ 2.33A	12V @ 4.66A
14A-2.5-28B31	2.5	28V C.T. @ 0.09A	14V @ 0.18A
14A-5.0-28B32	5	28V C.T. @ 0.18A	14V @ 0.36A
14A-10-28B33	10	28V C.T. @ 0.36A	14V @ 0.72A
14A-20-28B34	20	28V C.T. @ 0.72A	14V @ 1.44A
14A-30-28B35	30	28V C.T. @ 1.06A	14V @ 2.12A
14A-56-28B36	56	28V C.T. @ 2.0A	14V @ 4.0A
14A-2.5-36B37	2.5	36V C.T. @ 0.07A	18V @ 0.14A
14A-5.0-36B38	5	36V C.T. @ 0.14A	18V @ 0.28A
14A-10-36B39	10	36V C.T. @ 0.28A	18V @ 0.56A
14A-20-36B40	20	36V C.T. @ 0.56A	18V @ 1.12A
14A-30-36B41	30	36V C.T. @ 0.82A	18V @ 1.64A
14A-56-36B42	56	36V C.T. @ 1.56A	18V @ 3.12A

Mechanical



Schematic



Dimensions (inches)

VA (size)	Wt. (lb.)	L	W	H	A	B	C	D	E	F	Pin Dim.	E
2.5	0.25	1.625	1.312	1.125	0.20	0.250	1.00	–	–	1.062	.025 SQ	#4
5	0.37	1.625	1.312	1.375	0.20	0.400	1.00	–	–	1.062	.025 SQ	#4
10	0.53	1.875	1.562	1.375	0.20	0.400	1.14	–	–	1.250	.038 SQ	#4
20	0.90	2.25	1.875	1.625	0.40	0.400	1.46	–	–	1.500	.038 SQ	#4
30	1.15	2.625	2.187	1.562	0.55	0.275	1.68	2.18	1.75	–	.045 SQ	#6
56	1.70	3.000	2.500	1.812	0.60	0.300	1.90	2.50	2.00	–	.045 SQ	#6

Laminated Transformers

Low Frequency, Open-Style Laminated, International High Power Series



AGENCY APPROVALS

- UL, 506, File E73539
- UL Recognized Class B
- UL 1446, File E179499
- CSA 22.2#66, File LR68051-2
- TUV, EN61558

- *Chassis mounting*
- *Dual bobbin; double reinforced insulation*
- *High (4000V) primary to secondary isolation*
- *Non-concentric design - eliminates ESS and reduces primary to secondary capacitance*
- *No crossover between primary/secondary leads*
- *Baked resin provides environmentally-resistant finish*

Part No. Chassis Mount	VA (Size)	Secondary RMS Rating	
		Series	Parallel
A41-25-10A1	25	10V C.T. @ 2.5A	5V @ 5.0A
A41-43-10A2	43	10V C.T. @ 4.3A	5V @ 8.6A
A41-80-10A3	80	10V C.T. @ 8.0A	5V @ 16.0A
A41-130-10A4	130	10V C.T. @ 13.0A	5V @ 26.0A
A41-175-10A5	175	10V C.T. @ 17.5A	5V @ 35.0A
A41-25-12A7	25	12.6V C.T. @ 2.0A	6.3V @ 4.0A
A41-43-12A8	43	12.6V C.T. @ 3.4A	6.3V @ 6.8A
A41-80-12A9	80	12.6V C.T. @ 6.3A	6.3V @ 12.6A
A41-130-12A10	130	12.6V C.T. @ 10.3A	6.3V @ 20.6A
A41-175-12A11	175	12.6V C.T. @ 14.0A	6.3V @ 28.0A
A41-25-16A13	25	16V C.T. @ 1.6A	8V @ 3.2A
A41-43-16A14	43	16V C.T. @ 2.7A	8V @ 5.4A
A41-80-16A15	80	16V C.T. @ 5.0A	8V @ 10.0A
A41-130-16A16	130	16V C.T. @ 8.1A	8V @ 16.2A
A41-175-16A17	175	16V C.T. @ 11.0A	8V @ 22.0A
A41-25-20A19	25	20V C.T. @ 1.25A	10V @ 2.5A
A41-43-20A20	43	20V C.T. @ 2.2A	10V @ 4.4A
A41-80-20A21	80	20V C.T. @ 4.0A	10V @ 8.0A
A41-130-20A22	130	20V C.T. @ 6.5A	10V @ 13.0A
A41-175-20A23	175	20V C.T. @ 8.8A	10V @ 17.6A
A41-25-24A25	25	24V C.T. @ 1A	12V @ 2A
A41-43-24A26	43	24V C.T. @ 1.8A	12V @ 3.6A
A41-80-24A27	80	24V C.T. @ 3.3A	12V @ 6.6A
A41-130-24A28	130	24V C.T. @ 5.4A	12V @ 10.8A
A41-175-24A29	175	24V C.T. @ 7.3A	12V @ 14.6A
A41-25-28A31	25	28V C.T. @ 0.9A	14V @ 1.86A
A41-43-28A32	43	28V C.T. @ 1.5A	14V @ 3.0A
A41-80-28A33	80	28V C.T. @ 2.8A	14V @ 5.6A
A41-130-28A34	130	28V C.T. @ 4.6A	14V @ 9.2A
A41-175-28A35	175	28V C.T. @ 6.25A	14V @ 12.5A
A41-25-36A37	25	36V C.T. @ 0.7A	18V @ 1.4A
A41-43-36A38	43	36V C.T. @ 1.2A	18V @ 2.4A
A41-80-36A39	80	36V C.T. @ 2.2A	18V @ 4.4A
A41-130-36A40	130	36V C.T. @ 3.6A	18V @ 7.2A
A41-175-36A41	175	36V C.T. @ 4.8A	18V @ 9.6A
A41-25-230A42	25	230V C.T. @ 0.11A	115V @ 0.22A
A41-43-230A43	43	230V C.T. @ 0.19A	115V @ 0.38A
A41-80-230A44	80	230V C.T. @ 0.35A	115V @ 0.7A
A41-130-230A45	130	230V C.T. @ 0.57A	115V @ 1.14A
A41-175-230A46	175	230V C.T. @ 0.76A	115V @ 1.52A

Mechanical

FIGURE A

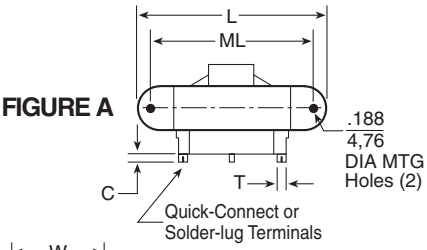
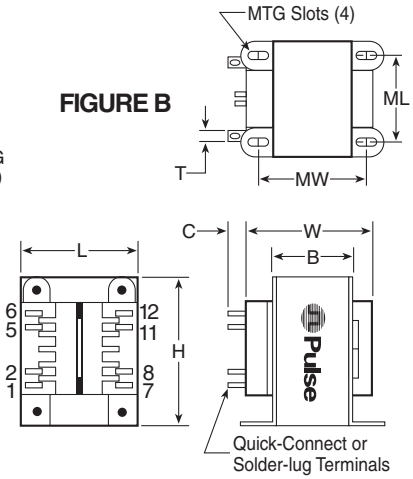
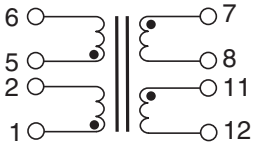


FIGURE B



Schematic

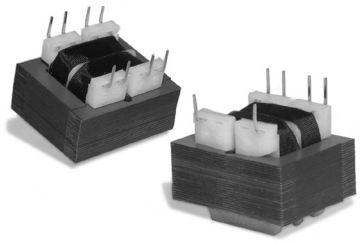


Dimensions (inches)

VA (size)	Wt. (lb.)	L	W	H	A	B	C	T	ML	MW	MTG.	FIG.
25	1.25	2.812	1.875	2.312	2.00	1.125	0.330	0.187	2.375	–	#6	A
43	1.60	3.125	2.062	2.687	2.25	1.125	0.312	0.187	2.812	–	#6	A
80	2.80	2.500	2.375	3.050	–	1.375	0.330	0.187	2.000	2.180	#6	B
130	4.10	2.812	2.875	3.380		1.625	0.395	0.187	2.250	2.500	#8	B
175	5.50	3.125	2.875	3.750	–	1.625	0.395	0.187	2.500	2.500	#8	B

Laminated Transformers

Low Frequency, Open-Style Laminated, Split Bobbin, Horizontal Plug-In Series

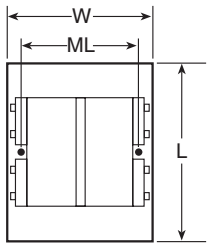


AGENCY APPROVALS

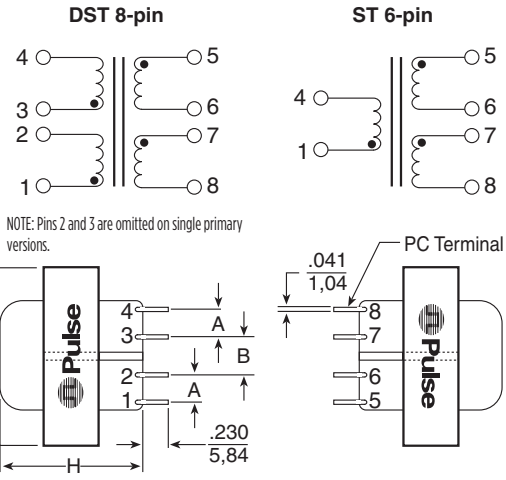
- UL, 506, File E73539
- UL 1446, File E179499
- UL 1585, File E169010 Class 2 Component Recognition
- CSA 22.2#66, File LR68051-2
- UL Recognized Class B

- *High (2500V) isolation; 2500VRMS HIPOT*
- *Non-concentric design - eliminates ESS*
- *No crossover between primary/secondary winding leads*
- *Vacuum impregnated - withstands board washing systems and reduces audible noise*
- *Baked resin provides an environmentally-resistant finish*
- *Rugged construction - no additional mounting hardware*
- *Universal design, fits industry-standard footprints*
- *Available in single or dual primary*

Mechanical



Schematics



Dimensions (inches)

Size	VA	L	W	H	A	B	C	ML	Wt. (lb.)
2	1.1	1.38	1.13	0.94	0.25	0.25	1.20	----	0.17
3	2.4	1.38	1.13	1.19	0.25	0.25	1.20	----	0.25
4	6.0	1.63	1.31	1.31	0.25	0.35	1.28	1.06	0.44
5	12	1.88	1.56	1.44	0.30	0.40	1.41	1.25	0.70
6	20	2.25	1.88	1.44	0.30	0.40	1.60	1.50	0.80
7*	36	2.63	2.19	1.56	0.40	0.40	1.80	----	1.10

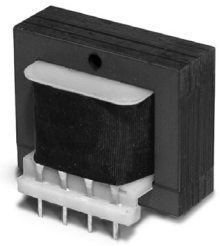
*Size 7 has 4 MTG. holes on 2.188" x 1.75" centers.

Part No. 115V-6Pin	Part No. 115/230V-8Pin	Secondary RMS Rating	
		Series	Parallel
ST2-10B41[1]	DST2-10B41[1]	10V C.T. @ 0.11A	5V @ 0.22A
ST3-10B1[1]	DST3-10B1[1]	10V C.T. @ 0.25A	5V @ 0.5A
ST4-10B2	DST4-10B2	10V C.T. @ 0.6A	5V @ 1.2A
ST5-10B3	DST5-10B3	10V C.T. @ 1.2A	5V @ 2.4A
ST6-10B4	DST6-10B4	10V C.T. @ 2A	5V @ 4A
ST7-10B51	DST7-10B51	10V C.T. @ 3.6A	5V @ 7.2A
ST2-12B42[1]	DST2-12B42[1]	12.6V C.T. @ 0.09A	6.3V @ 0.18A
ST3-12B5[1]	DST3-12B5[1]	12.6V C.T. @ 0.2A	6.3V @ 0.4A
ST4-12B6	DST4-12B6	12.6V C.T. @ 0.5A	6.3V @ 1.0A
ST5-12B7	DST5-12B7	12.6V C.T. @ 1.0A	6.3V @ 2.0A
ST6-12B8	DST6-12B8	12.6V C.T. @ 1.6A	6.3V @ 3.2A
ST7-12B52	DST7-12B52	12.6V C.T. @ 2.85A	6.3V @ 5.7A
ST2-16B43[1]	DST2-16B43[1]	16V CT. @ 0.07A	8V @ 0.14A
ST3-16B9[1]	DST3-16B9[1]	16V C.T.@ 0.15A	8V @ 0.3A
ST4-16B10	DST4-16B10	16V C.T.@ 0.4A	8V @ 0.8A
ST5-16B11	DST5-16B11	16V C.T.@ 0.8A	8V @ 1.6A
ST6-16B12	DST6-16B12	16V C.T.@ 1.25A	8V @ 2.5A
ST7-16B53	DST7-16B53	16V C.T.@ 2.25A	8V @ 4.5A
ST2-20B44[1]	DST2-20B44[1]	20V C.T. @ 0.055A	10V @ 0.11A
ST3-20B13[1]	DST3-20B13[1]	20V C.T. @ 0.12A	10V @ 0.24A
ST4-20B14	DST4-20B14	20V C.T. @ 0.3A	10V @ 0.6A
ST5-20B15	DST5-20B15	20V C.T. @ 0.6A	10V @ 1.2A
ST6-20B16	DST6-20B16	20V C.T. @ 1A	10V @ 2A
ST7-20B54	DST7-20B54	20V C.T. @ 1.8A	10V @ 3.6A
ST2-24B45[1]	DST2-24B45[1]	24V C.T. @ 0.045A	12V @ 0.09A
ST3-24B17[1]	DST3-24B17[1]	24V C.T. @ 0.1A	12V @ 0.2A
ST4-24B18	DST4-24B18	24V C.T. @ 0.25A	12V @ 0.5A
ST5-24B19	DST5-24B19	24V C.T. @ 0.5A	12V @ 1.0A
ST6-24B20	DST6-24B20	24V C.T. @ 0.8A	12V @ 1.6A
ST7-24B55	DST7-24B55	24V C.T. @ 1.5A	12V @ 3.0A
ST2-28B46	DST2-28B46	28V C.T. @ 0.04A	14V @ 0.08A
ST3-28B21	DST3-28B21	28V C.T. @ 0.085A	14V @ 0.17A
ST4-28B22	DST4-28B22	28V C.T. @ 0.2A	14V @ 0.4A
ST5-28B23	DST5-28B23	28V C.T. @ 0.42A	14V @ 0.84A
ST6-28B24	DST6-28B24	28V C.T. @ 0.7A	14V @ 1.4A
ST7-28B56	DST7-28B56	28V C.T. @ 1.3A	14V @ 2.6A
ST2-36B47	DST2-36B47	36V C.T. @ 0.03A	18V @ 0.06A
ST3-36B25	DST3-36B25	36V C.T. @ 0.065A	18V @ 0.13A
ST4-36B26	DST4-36B26	36V C.T. @ 0.17A	18V @ 0.34A
ST5-36B27	DST5-36B27	36V C.T. @ 0.35A	18V @ 0.7A
ST6-36B28	DST6-36B28	36V C.T. @ 0.55A	18V @ 1.1A
ST7-36B57	DST7-36B57	36V C.T. @1.0A	18V @ 2.0A
ST2-48B48	DST2-48B48	48V C.T. @ 0.023A	24V @ .046A
ST3-48B29	DST3-48B29	48V C.T. @ 0.05A	24V @ 0.1A
ST4-48B30	DST4-48B30	48V C.T. @ 0.125A	24V @ 0.25A
ST5-48B31	DST5-48B31	48V C.T. @ 0.25A	24V @ 0.5A
ST6-48B32	DST6-48B32	48V C.T. @ 0.4A	24V @ 0.8A
ST7-48B58	DST7-48B58	48V C.T. @ 0.75A	24V @ 1.5A
ST2-56B49	DST2-56B49	56V C.T. @ 0.02A	28V @ 0.04A
ST3-56B33	DST3-56B33	56V C.T. @ 0.045A	28V @ 0.09A
ST4-56B34	DST4-56B34	56V C.T. @ 0.11A	28V @ 0.22A
ST5-56B35	DST5-56B35	56V C.T. @ 0.22A	28V @ 0.44A
ST6-56B36	DST6-56B36	56V C.T. @ 0.35A	28V @ 0.7A
ST7-56B59	DST7-56B59	56V C.T. @ 0.65A	28V @ 1.3A
ST2-120B50	DST2-120B50	120V C.T. @ 0.01A	60V @ 0.02A
ST3-120B37	DST3-120B37	120V C.T. @ 0.02A	60V @ 0.04A
ST4-120B38	DST4-120B38	120V C.T. @ 0.05A	60V @ 0.1A
ST5-120B39	DST5-120B39	120V C.T. @ 0.1A	60V @ 0.2A
ST6-120B40	DST6-120B40	120V C.T. @ 0.16A	60V @ 0.32A
ST7-120B60	DST7-120B60	120V C.T. @ 0.3A	60V @ 0.6A

[1] **UL 1585 approved, Class 2 - Not Wet, Class 3 - Wet**

Laminated Transformers

Low Frequency, Open-Style Laminated, Concentric Vertical Profile, PC Plug-In



AGENCY APPROVALS

- UL, 506, File E73539
- UL Recognized Class B
- UL 1446, File E179499
- CSA 22.2#66, File LR68051-2

- ***PC Series Concentric Vertical Mount*** *Isolation between primary and secondary of 1500V.*
- ***Vacuum Impregnated*** *to withstand modern board washing systems and to reduce audible noise.*
- ***Available in single or dual primary***
- ***Baked Resin*** *provides fully cured and environmentally resistant finish that will not peel or flake.*
- ***Rugged Construction***
- ***Universal Design*** *compatible with industry-standard footprints*

D PC - 10 - 2400 B 4

Primary Rating
No First Letter – 115V – 6-pin
"D" First Letter – 115/230V – 8-pin

Transformer Series
PC – Single Section Bobbin (47/500Hz)

Secondary Voltage Rating (Volts RMS)

Secondary Current Rating (mA RMS)

Mechanical Configuration
B – No frame

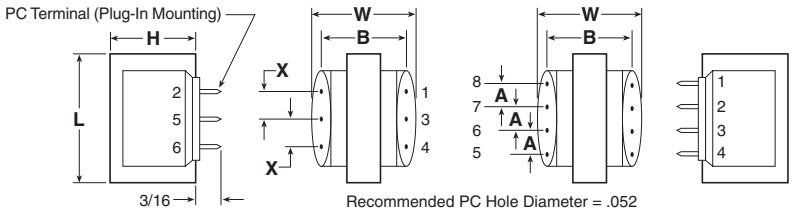
Individual Specification

Dimensions (inches)

Size	VA	Wt. (oz.)	L	H	W	B	6-pin X	8-pin A
25	1.0	2.5	1.000	0.830	1.375	1.200	0.250	0.200
37	1.2	3	1.375	1.188	1.125	1.000	0.312	0.200
50	4.4	5	1.625	1.375	1.250	1.100	0.400	0.250
62	10	9	1.875	1.625	1.438	1.300	0.400	0.250
24	24	12	1.625	1.375	2.250	2.100	0.400	0.250

Mechanical

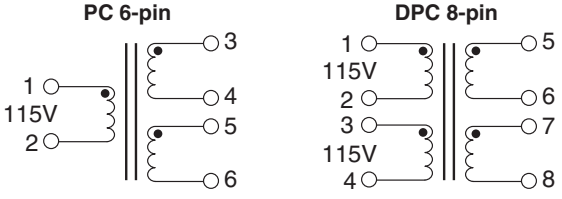
Dimensions for Style B (no frame) are shown.



Recommended PC Hole Diameter = .052

Single 115V 6-Pin	Dual 115/230V 8-Pin	Size	Series V.C.T.@mA	Parallel @ 2x Current V.@mA
PC-10-90B53	DPC-10-90B53	25	10 @ 90	5 @ 180
PC-10-120B1	DPC-10-120B1	37	10 @ 120	5 @ 240
PC-10-440B2	DPC-10-440B2	50	10 @ 440	5 @ 880
PC-10-1000B3	DPC-10-1000B3	62	10 @ 1000	5 @ 2000
PC-10-2400B4	DPC-10-2400B4	24	10 @ 2400	5 @ 4800
PC-12-70B54	DPC-12-70B54	25	12.6 @ 70	6.3 @ 140
PC-12-100B5	DPC-12-100B5	37	12.6 @ 100	6.3 @ 200
PC-12-350B6	DPC-12-350B6	50	12.6 @ 350	6.3 @ 700
PC-12-800B7	DPC-12-800B7	62	12.6 @ 800	6.3 @ 1600
PC-12-2000B8	DPC-12-2000B8	24	12.6 @ 2000	6.3 @ 4000
PC-16-55B55	DPC-16-55B55	25	16 @ 55	8 @ 110
PC-16-75B9	DPC-16-75B9	37	16 @ 75	8 @ 150
PC-16-260B10	DPC-16-260B10	50	16 @ 260	8 @ 520
PC-16-640B11	DPC-16-640B11	62	16 @ 640	8 @ 1280
PC-16-1500B12	DPC-16-1500B12	24	16 @ 1500	8 @ 3000
PC-20-45B56	DPC-20-45B56	25	20 @ 45	10 @ 90
PC-20-60B13	DPC-20-60B13	37	20 @ 60	10 @ 120
PC-20-220B14	DPC-20-220B14	50	20 @ 220	10 @ 440
PC-20-500B15	DPC-20-500B15	62	20 @ 500	10 @ 1000
PC-20-1200B16	DPC-20-1200B16	24	20 @ 1200	10 @ 2400
PC-24-35B57	DPC-24-35B57	25	24 @ 35	12 @ 70
PC-24-50B17	DPC-24-50B17	37	24 @ 50	12 @ 100
PC-24-180B18	DPC-24-180B18	50	24 @ 180	12 @ 360
PC-24-450B19	DPC-24-450B19	62	24 @ 450	12 @ 900
PC-24-1000B20	DPC-24-1000B20	24	24 @ 1000	12 @ 2000
PC-28-30B58	DPC-28-30B58	25	28 @ 30	14 @ 60
PC-28-40B49	DPC-28-40B49	37	28 @ 40	14 @ 80
PC-28-160B50	DPC-28-160B50	50	28 @ 160	14 @ 320
PC-28-360B51	DPC-28-360B51	62	28 @ 360	14 @ 720
PC-28-800B52	DPC-28-800B52	24	28 @ 800	14 @ 1600
PC-34-25B59	DPC-34-25B59	25	34 @ 25	17 @ 50
PC-34-35B21	DPC-34-35B21	37	34 @ 35	17 @ 70
PC-34-125B22	DPC-34-125B22	50	34 @ 125	17 @ 250
PC-34-300B23	DPC-34-300B23	62	34 @ 300	17 @ 600
PC-34-700B24	DPC-34-700B24	24	34 @ 700	17 @ 1400
PC-40-20B60	DPC-40-20B60	25	40 @ 20	20 @ 40
PC-40-30B25	DPC-40-30B25	37	40 @ 30	20 @ 60
PC-40-110B26	DPC-40-110B26	50	40 @ 110	20 @ 220
PC-40-250B27	DPC-40-250B27	62	40 @ 250	20 @ 500
PC-40-600B28	DPC-40-600B28	24	40 @ 600	20 @ 1200
PC-56-15B61	DPC-56-15B61	25	56 @ 15	28 @ 30
PC-56-20B29	DPC-56-20B29	37	56 @ 20	28 @ 40
PC-56-80B30	DPC-56-80B30	50	56 @ 80	28 @ 160
PC-56-180B31	DPC-56-180B31	62	56 @ 180	28 @ 360
PC-56-420B32	DPC-56-420B32	24	56 @ 420	28 @ 840
PC-120-8B63	DPC-120-8B63	25	120 @ 8	60 @ 16
PC-120-10B37	DPC-120-10B37	37	120 @ 10	60 @ 20
PC-120-35B38	DPC-120-35B38	50	120 @ 35	60 @ 70
PC-120-85B39	DPC-120-85B39	62	120 @ 85	60 @ 170
PC-120-200B40	DPC-120-200B40	24	120 @ 200	60 @ 400
PC-230-4B65	DPC-230-4B65	25	230 @ 4	115 @ 8
PC-230-5B45	DPC-230-5B45	37	230 @ 5	115 @ 10
PC-230-20B46	DPC-230-20B46	50	230 @ 20	115 @ 40
PC-230-40B47	DPC-230-40B47	62	230 @ 40	115 @ 80
PC-230-100B48	DPC-230-100B48	24	230 @ 100	115 @ 200

Schematics



Pulse Electronics

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For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe
Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 0
Fax: 49 7032 7806 135

Pulse China Headquarters
B402, Shenzhen Academy of Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzen, PR China 518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China
Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia
135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia
3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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