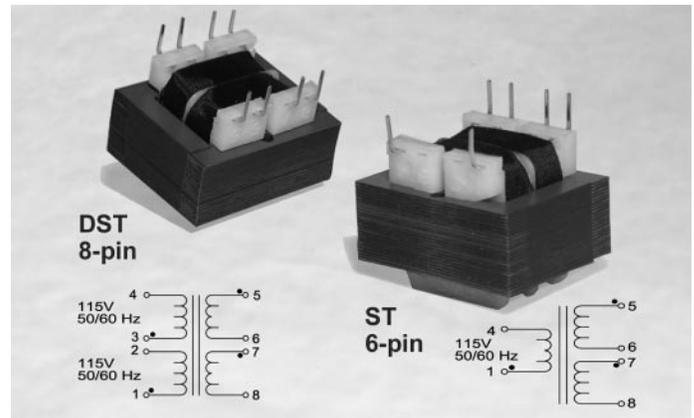


Split Bobbin Horizontal Profile Plug-in Transformers

for PC board power isolation



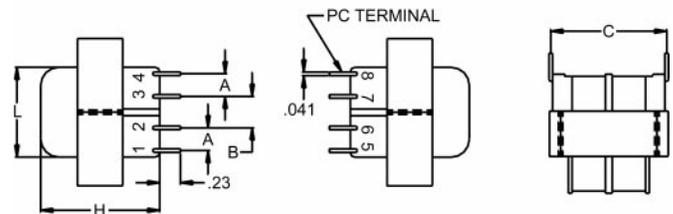
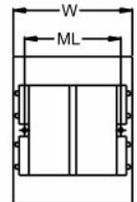
Split-bobbin: primaries and secondaries are wound side-by-side rather than concentrically to obtain the benefits listed below.

FEATURES

- High (2500V) isolation. 2500V RMS HIPOT
- Non-concentric design -- eliminates ESS
- No crossover contact between primary and secondary leads
- Vacuum impregnated -- withstands modern board washing systems and reduces audible noise
- Baked resin -- provides fully cured and environmentally resistant finish
- Rugged construction -- no additional mounting hardware
- Universal design -- compatible with industry-standard footprints
- Available in single or dual primary
- Secondaries can be connected in series or parallel

AGENCY APPROVALS

- UL, 506, File E73539
- UL 1446, File E80130
- UL 1585 File E169010¹
- CSA 22.2#66, File LR68051-2
- UL Recognized Class B



NOTE: PINS 2 AND 3 ARE OMITTED ON SINGLE PRIMARY VERSIONS

Part Number	Secondary RMS Rating	
	Series	Parallel
ST 2-10B41 ¹	10V C.T. @ 0.11A	5V @ 0.22A
ST 3-10B1 ¹	10V C.T. @ 0.25A	5V @ 0.5A
ST 4-10B2	10V C.T. @ 0.6A	5V @ 1.2A
ST 5-10B3	10V C.T. @ 1.2A	5V @ 2.4A
ST 6-10B4	10V C.T. @ 2A	5V @ 4A
ST 7-10B51	10V C.T. @ 3.6A	5V @ 7.2A
ST 2-12B42 ¹	12.6V C.T. @ 0.09A	6.3V @ 0.18A
ST 3-12B5 ¹	12.6V C.T. @ 0.2A	6.3V @ 0.4A
ST 4-12B6	12.6V C.T. @ 0.5A	6.3V @ 1.0A
ST 5-12B7	12.6V C.T. @ 1.0A	6.3V @ 2.0A
ST 6-12B8	12.6V C.T. @ 1.6A	6.3V @ 3.2A
ST 7-12B52	12.6V C.T. @ 2.85A	6.3V @ 5.7A
ST 2-16B43 ¹	16V C.T. @ 0.07A	8V @ 0.14A
ST 3-16B9 ¹	16V C.T. @ 0.15A	8V @ 0.3A
ST 4-16B10	16V C.T. @ 0.4A	8V @ 0.8A
ST 5-16B11	16V C.T. @ 0.8A	8V @ 1.6A
ST 6-16B12	16V C.T. @ 1.25A	8V @ 2.5A
ST 7-16B53	16V C.T. @ 2.25A	8V @ 4.5A
ST 2-20B44 ¹	20V C.T. @ 0.055A	10V @ 0.11A
ST 3-20B13 ¹	20V C.T. @ 0.12A	10V @ 0.24A
ST 4-20B14	20V C.T. @ 0.3A	10V @ 0.6A
ST 5-20B15	20V C.T. @ 0.6A	10V @ 1.2A
ST 6-20B16	20V C.T. @ 1A	10V @ 2A
ST 7-20B54	20V C.T. @ 1.8A	10V @ 3.6A
ST 2-24B45 ¹	24V C.T. @ 0.045A	12V @ 0.09A
ST 3-24B17 ¹	24V C.T. @ 0.1A	12V @ 0.2A
ST 4-24B18	24V C.T. @ 0.25A	12V @ 0.5A
ST 5-24B19	24V C.T. @ 0.5A	12V @ 1.0A
ST 6-24B20	24V C.T. @ 0.8A	12V @ 1.6A
ST 7-24B55	24V C.T. @ 1.5A	12V @ 3.0A
ST 2-28B46	28V C.T. @ 0.04A	14V @ 0.08A
ST 3-28B21	28V C.T. @ 0.085A	14V @ 0.17A
ST 4-28B22	28V C.T. @ 0.2A	14V @ 0.4A
ST 5-28B23	28V C.T. @ 0.42A	14V @ 0.84A
ST 6-28B24	28V C.T. @ 0.7A	14V @ 1.4A
ST 7-28B56	28V C.T. @ 1.3A	14V @ 2.6A
ST 2-36B47	36V C.T. @ 0.03A	18V @ 0.06A
ST 3-36B25	36V C.T. @ 0.065A	18V @ 0.13A
ST 4-36B26	36V C.T. @ 0.17A	18V @ 0.34A
ST 5-36B27	36V C.T. @ 0.35A	18V @ 0.7A
ST 6-36B28	36V C.T. @ 0.55A	18V @ 1.1A
ST 7-36B57	36V C.T. @ 1.0A	18V @ 2.0A
ST 2-48B48	48V C.T. @ 0.023A	24V @ .046A
ST 3-48B29	48V C.T. @ 0.05A	24V @ 0.1A
ST 4-48B30	48V C.T. @ 0.125A	24V @ 0.25A
ST 5-48B31	48V C.T. @ 0.25A	24V @ 0.5A
ST 6-48B32	48V C.T. @ 0.4A	24V @ 0.8A
ST 7-48B58	48V C.T. @ 0.75A	24V @ 1.5A
ST 2-56B49	56V C.T. @ 0.02A	28V @ 0.04A
ST 3-56B33	56V C.T. @ 0.045A	28V @ 0.09A
ST 4-56B34	56V C.T. @ 0.11A	28V @ 0.22A
ST 5-56B35	56V C.T. @ 0.22A	28V @ 0.44A
ST 6-56B36	56V C.T. @ 0.35A	28V @ 0.7A
ST 7-56B59	56V C.T. @ 0.65A	28V @ 1.3A
ST 2-120B50	120V C.T. @ 0.01A	60V @ 0.02A
ST 3-120B37	120V C.T. @ 0.02A	60V @ 0.04A
ST 4-120B38	120V C.T. @ 0.05A	60V @ 0.1A
ST 5-120B39	120V C.T. @ 0.1A	60V @ 0.2A
ST 6-120B40	120V C.T. @ 0.16A	60V @ 0.32A
ST 7-120B60	120V C.T. @ 0.3A	60V @ 0.6A

Primary Ratings (Other primary ratings available on request.)

No First Letter 115V 50/60 Hz 6-pin
"D" First Letter 115/230V 50/60 Hz 8-pin

NOTES

¹UL 1585, Class 2, Component Recognition.

²Size 7 has 4 mtg. holes on 2 ³/₁₆ x 1 ³/₄ centers.

Pulse Specialty Components reserves the right to make changes without notice.

WARRANTY

Pulse Specialty Components warrants for a period of 90 days from the date of shipment, that under normal use and service, its products will be free from defects in workmanship and material. Pulse Specialty Components' sole responsibility under this warranty is, at its option, to repair or replace, without charge, any defective product or part, or to credit buyer for the purchase price of such defective product, provided:

- 1) Buyer promptly notifies Pulse Specialty Components in writing within the warranty period, and
- 2) The defective product or part is returned to Pulse Specialty Components with transportation charges prepaid by Buyer, and
- 3) Pulse Specialty Components examination of such product shall disclose to its satisfaction that said defect exists and has not been caused by misuse, neglect, improper installation, repair or alteration, or accident.

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