

flathead® plug in power transformers ...in 2 new larger sizes

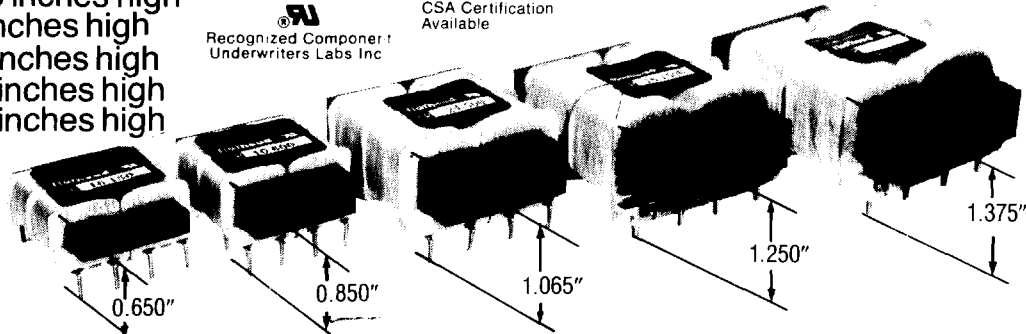
FOR PRINTED CIRCUIT APPLICATIONS

2.5VA – 0.650 inches high
6VA – 0.850 inches high
12VA – 1.065 inches high
24 VA – 1.250 inches high
48 VA – 1.375 inches high

Recognized Component
Underwriters Labs Inc.

CSA Certification
Available

5 SIZES

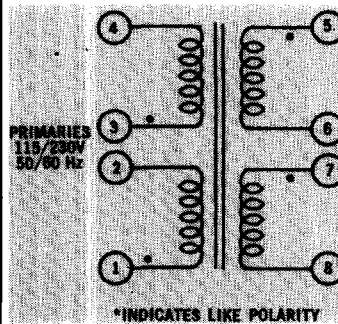


Part No.	Size	SECONDARY*	
		Series	Parallel
LP 10-250	2	10VC T. @ 250MA	5V @ 500MA
LP 10-600	6	10VC T. @ 600MA	5V @ 1.2A
LP 10-1200	12	10VC T. @ 1200MA	5V @ 2.4A
LP 10-2400	24	10VC T. @ 2.40A	5V @ 4.80A
LP 10-4800	48	10VC T. @ 4.80A	5V @ 9.60A
LP 12-200	2	12 6VC T. @ 200MA	6.3V @ 400MA
LP 12-450	6	12 6VC T. @ 450MA	6.3V @ 900MA
LP 12-900	12	12 6VC T. @ 900MA	6.3V @ 1.8A
LP 12-1900	24	12 6VC T. @ 1.90MA	6.3V @ 3.80A
LP 12-3800	48	12 6VC T. @ 3.80MA	6.3V @ 7.60A
LP 16-150	2	16VC T. @ 150MA	8V @ 300MA
LP 16-350	6	16VC T. @ 350MA	8V @ 700MA
LP 16-700	12	16VC T. @ 700MA	8V @ 1.4A
LP 16-1500	24	16VC T. @ 1.50A	8V @ 3.00A
LP 16-3000	48	16VC T. @ 3.00A	8V @ 6.00A
LP 20-125	2	20VC T. @ 125MA	10V @ 250MA
LP 20-300	6	20VC T. @ 300MA	10V @ 600MA
LP 20-600	12	20VC T. @ 600MA	10V @ 1.2A
LP 20-1200	24	20VC T. @ 1.20A	10V @ 2.40A
LP 20-2400	48	20VC T. @ 2.40A	10V @ 4.80A
LP 24-100	2	24VC T. @ 100MA	12V @ 200MA
LP 24-250	6	24VC T. @ 250MA	12V @ 500MA
LP 24-500	12	24VC T. @ 500MA	12V @ 1A
LP 24-1000	24	24VC T. @ 1.00A	12V @ 2.00A
LP 24-2000	48	24VC T. @ 2.00A	12V @ 4.00A
LP 30-85	2	30VC T. @ 85MA	15V @ 170MA
LP 30-200	6	30VC T. @ 200MA	15V @ 400MA
LP 30-400	12	30VC T. @ 400MA	15V @ 800MA
LP 30-800	24	30VC T. @ 800MA	15V @ 1.60A
LP 30-1600	48	30VC T. @ 1.60A	15V @ 3.20A
LP 34-75	2	34VC T. @ 75MA	17V @ 150MA
LP 34-170	6	34VC T. @ 170MA	17V @ 340MA
LP 34-340	12	34VC T. @ 340MA	17V @ 680MA
LP 34-700	24	34VC T. @ 700MA	17V @ 1.40A
LP 34-1400	48	34VC T. @ 1.40A	17V @ 2.80A
LP 40-60	2	40VC T. @ 60MA	20V @ 120MA
LP 40-150	6	40VC T. @ 150MA	20V @ 300MA
LP 40-300	12	40VC T. @ 300MA	20V @ 600MA
LP 40-600	24	40VC T. @ 600MA	20V @ 1.20A
LP 40-1200	48	40VC T. @ 1.20A	20V @ 2.40A
LP 56-45	2	56VC T. @ 45MA	28V @ 90MA
LP 56-100	6	56VC T. @ 100MA	28V @ 200MA
LP 56-200	12	56VC T. @ 200MA	28V @ 400MA
LP 56-425	24	56VC T. @ 425MA	28V @ 850MA
LP 56-850	48	56VC T. @ 850MA	28V @ 1.70A
LP 88-28	2	88VC T. @ 28MA	44V @ 56MA
LP 88-65	6	88VC T. @ 65MA	44V @ 130MA
LP 88-130	12	88VC T. @ 130MA	44V @ 260MA
LP 120-20	2	120VC T. @ 20MA	60V @ 40MA
LP 120-50	6	120VC T. @ 50MA	60V @ 100MA
LP 120-100	12	120VC T. @ 100MA	60V @ 200MA
LP 230-10	2	230VC T. @ 10MA	115V @ 20MA
LP 230-25	6	230VC T. @ 25MA	115V @ 50MA
LP 230-50	12	230VC T. @ 50MA	115V @ 100MA

Signal expanded its Flat-head® Series because of the trend toward higher power usage on PC boards. Two larger sizes (24 and 48 VA) are now available.

Basic design, layout and construction specifications have not changed. The only exception is that more rugged plug-in pins, using square wire, have been incorporated in order to properly handle the weights and currents required.

(See mechanical drawing for correct footprint)



Regulation of size 2 and 6 units is 30%; size 12 units is 20%. size 24 and 48 units is 15%; i.e., no load-secondary voltage is 15% higher than full load.

LOW PROFILE: Allows 3/4" card spacing for 2.5va units, 1 inch card spacing for 6va units, or 1 1/4" inch card spacing for 12va units, 1 1/2" inch card spacing for 24va and 1 5/8" inch card spacing for 48va.

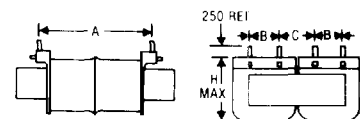
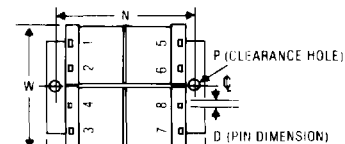
DUAL PRIMARIES: 115/230v, 50/60 Hz.

NON-CONCENTRIC WINDING: Where secondary is wound along-side primary rather than directly over it. This added isolation reduces inter-winding capacitance and eliminates the need for an electro-static shield.

1500V. RMS HIPOT: Is standard because of the advantage of non-concentric windings.

HUM-BUCKING CONSTRUCTION: (Semi-toroidal) results in reduced radiated magnetic field and balanced windings.

The LP line of transformers is ideal for low height, critical pc board power applications in semi-conductor control and instrumentation. They are used extensively in single or dual output dc supplies and isolated control circuit and reference supplies.



CL: ARANCE HOLE FOR #4 SCREW
CL: ARANCE HOLE FOR #6 SCREW