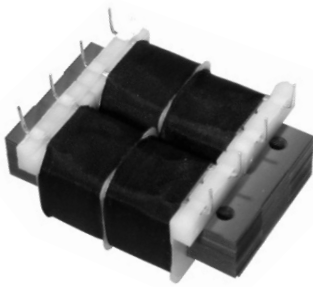


# POWER TRANSFORMERS

## Low Frequency Laminated — Low Profile Plug-in Series



### AGENCY APPROVALS

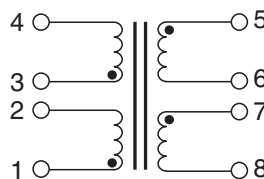
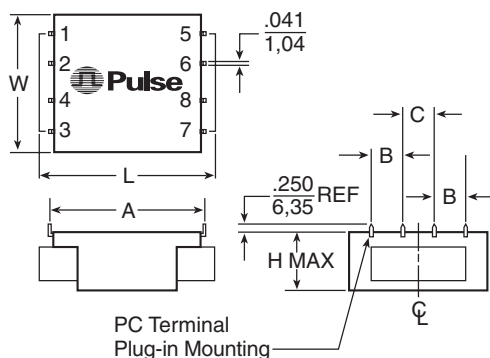
- UL, 506, File E73539
- UL 1446, File E80130
- CSA 22.2#66, File LR68051-2



- ⚙️ Semi-toroidal construction reduces EMI
- ⚙️ Low profile - Ideal for low height PC board applications
- ⚙️ 1500V RMS 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, hermetically sealed (request drawings)

### Mechanical

### Schematic



### Dimensions (inches)

| Size | L     | W     | H     | A     | B    | C    | Wt. (oz.) | Reg. (% TYP) | Trise (°C TYP) |
|------|-------|-------|-------|-------|------|------|-----------|--------------|----------------|
| 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 | .375 | 11        | 15           | 30             |
| 24   | 2.875 | 2.250 | 1.250 | 1.900 | .600 | .530 | 15        | 15           | 48             |
| 48   | 3.125 | 2.500 | 1.375 | 2.180 | .600 | .660 | 21        | 12           | 65             |

| Part Number    | Size | Secondary RMS Rating |              |
|----------------|------|----------------------|--------------|
|                |      | Series               | Parallel     |
| LP 10-250B23   | 2    | 10V C.T. @ 250mA     | 5V @ 500mA   |
| LP 10-600B1    | 6    | 10V C.T. @ 600mA     | 5V @ 1.20A   |
| LP 10-1200B2   | 12   | 10V C.T. @ 1.20A     | 5V @ 2.40A   |
| LP 10-2400B89  | 24   | 10V C.T. @ 2.40A     | 5V @ 4.80A   |
| LP 10-4800B90  | 48   | 10V C.T. @ 4.80A     | 5V @ 9.60A   |
| LP 12-200B24   | 2    | 12.6V C.T. @ 200mA   | 6.3V @ 400mA |
| LP 12-450B3    | 6    | 12.6V C.T. @ 450mA   | 6.3V @ 900mA |
| LP 12-900B4    | 12   | 12.6V C.T. @ 900mA   | 6.3V @ 1.80A |
| LP 12-1900B91  | 24   | 12.6V C.T. @ 1.90A   | 6.3V @ 3.80A |
| LP 12-3800B92  | 48   | 12.6V C.T. @ 3.80A   | 6.3V @ 7.60A |
| LP 16-150B25   | 2    | 16V C.T. @ 150mA     | 8V @ 300mA   |
| LP 16-350B5    | 6    | 16V C.T. @ 350mA     | 8V @ 700mA   |
| LP 16-700B6    | 12   | 16V C.T. @ 700mA     | 8V @ 1.40A   |
| LP 16-1500B93  | 24   | 16V C.T. @ 1.50A     | 8V @ 3.00A   |
| LP 16-3000B94  | 48   | 16V C.T. @ 3.00A     | 8V @ 6.00A   |
| LP 18-135B105  | 2    | 18V C.T. @ 135mA     | 9V @ 270mA   |
| LP 18-325B106  | 6    | 18V C.T. @ 325mA     | 9V @ 650mA   |
| LP 18-650B107  | 12   | 18V C.T. @ 650mA     | 9V @ 1.30A   |
| LP 18-1300B108 | 24   | 18V C.T. @ 1.30A     | 9V @ 2.60A   |
| LP 18-2600B109 | 48   | 18V C.T. @ 2.60A     | 9V @ 5.20A   |
| LP 20-125B26   | 2    | 20V C.T. @ 125mA     | 10V @ 250mA  |
| LP 20-300B7    | 6    | 20V C.T. @ 300mA     | 10V @ 600mA  |
| LP 20-600B8    | 12   | 20V C.T. @ 600mA     | 10V @ 1.20A  |
| LP 20-1200B95  | 24   | 20V C.T. @ 1.20A     | 10V @ 2.40A  |
| LP 20-2400B96  | 48   | 20V C.T. @ 2.40A     | 10V @ 4.80A  |
| LP 24-100B27   | 2    | 24V C.T. @ 100mA     | 12V @ 200mA  |
| LP 24-250B9    | 6    | 24V C.T. @ 250mA     | 12V @ 500mA  |
| LP 24-500B10   | 12   | 24V C.T. @ 500mA     | 12V @ 1.00A  |
| LP 24-1000B97  | 24   | 24V C.T. @ 1.00A     | 12V @ 2.00A  |
| LP 24-2000B98  | 48   | 24V C.T. @ 2.00A     | 12V @ 4.00A  |
| LP 28-90B115   | 2    | 28V C.T. @ 90mA      | 14V @ 180mA  |
| LP 28-215B116  | 6    | 28V C.T. @ 215mA     | 14V @ 430mA  |
| LP 28-430B117  | 12   | 28V C.T. @ 430mA     | 14V @ 860mA  |
| LP 28-850B118  | 24   | 28V C.T. @ 850mA     | 14V @ 1.70A  |
| LP 28-1700B119 | 48   | 28V C.T. @ 1.70A     | 14V @ 3.40A  |
| LP 30-85B125   | 2    | 30V C.T. @ 85mA      | 15V @ 170mA  |
| LP 30-200B126  | 6    | 30V C.T. @ 200mA     | 15V @ 400mA  |
| LP 30-400B127  | 12   | 30V C.T. @ 400mA     | 15V @ 800mA  |
| LP 30-800B128  | 24   | 30V C.T. @ 800mA     | 15V @ 1.60A  |
| LP 30-1600B129 | 48   | 30V C.T. @ 1.60A     | 15V @ 3.20A  |
| LP 34-75B28    | 2    | 34V C.T. @ 75mA      | 17V @ 150mA  |
| LP 34-170B11   | 6    | 34V C.T. @ 170mA     | 17V @ 340mA  |
| LP 34-340B12   | 12   | 34V C.T. @ 340mA     | 17V @ 680mA  |
| LP 34-700B99   | 24   | 34V C.T. @ 700mA     | 17V @ 1.40A  |
| LP 34-1400B100 | 48   | 34V C.T. @ 1.40A     | 17V @ 2.80A  |
| LP 40-60B29    | 2    | 40V C.T. @ 60mA      | 20V @ 120mA  |
| LP 40-150B13   | 6    | 40V C.T. @ 150mA     | 20V @ 300mA  |
| LP 40-300B14   | 12   | 40V C.T. @ 300mA     | 20V @ 600mA  |
| LP 40-600B101  | 24   | 40V C.T. @ 600mA     | 20V @ 1.20A  |
| LP 40-1200B102 | 48   | 40V C.T. @ 1.20A     | 20V @ 2.40A  |
| LP 56-45B30    | 2    | 56V C.T. @ 45mA      | 28V @ 90mA   |
| LP 56-100B15   | 6    | 56V C.T. @ 100mA     | 28V @ 200mA  |
| LP 56-200B16   | 12   | 56V C.T. @ 200mA     | 28V @ 400mA  |
| LP 56-425B103  | 24   | 56V C.T. @ 425mA     | 28V @ 850mA  |
| LP 56-850B104  | 48   | 56V C.T. @ 850mA     | 28V @ 1.70A  |
| LP 88-28B31    | 2    | 88V C.T. @ 28mA      | 44V @ 56mA   |
| LP 88-65B17    | 6    | 88V C.T. @ 65mA      | 44V @ 130mA  |
| LP 88-130B18   | 12   | 88V C.T. @ 130mA     | 44V @ 260mA  |
| LP 120-20B32   | 2    | 120V C.T. @ 20mA     | 60V @ 40mA   |
| LP 120-50B19   | 6    | 120V C.T. @ 50mA     | 60V @ 100mA  |
| LP 120-100B20  | 12   | 120V C.T. @ 100mA    | 60V @ 200mA  |
| LP 230-10B33   | 2    | 230V C.T. @ 10mA     | 115V @ 20mA  |
| LP 230-25B21   | 6    | 230V C.T. @ 25mA     | 115V @ 50mA  |
| LP 230-50B22   | 12   | 230V C.T. @ 50mA     | 115V @ 100mA |