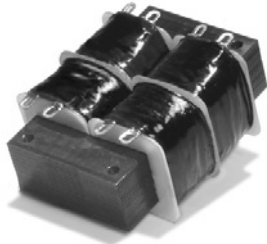


# POWER TRANSFORMERS

## Low Frequency Laminated — High-Power Low-Profile Humbucking



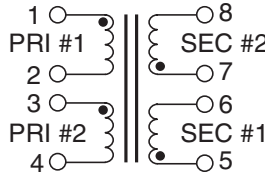
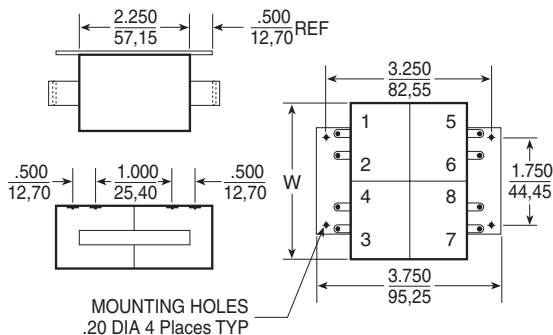
**AGENCY  
APPROVALS**   
■ UL, 506, File E73539  
Class B

- UI design increases power/height ratio
- Side-by-side design lowers interwinding capacitance
- Semi-toroidal construction reduces magnetic fields and EMI
- Greater surface area provides more uniform heat dissipation
- Solder-lug terminals for rugged field applications
- 1500V HIPOT
- Baked resin provides an environmentally-resistant finish

### Mechanical

### Schematic

SOLDER TERMINALS  
(.5-1.0-.5) Approximate Spacing



**Non-Standard Ratings** - Tapped primaries, secondaries of different voltages, currents or frequencies can be furnished.  
**Mounting Configuration** - Through-holes provided in core assembly.

### Dimensions (inches)

| Size | H (MAX) | W (MAX) | Wt. (lb.) | VA (NOM) | Reg. (% TYP) | Trise (°C TYP) |
|------|---------|---------|-----------|----------|--------------|----------------|
| 1    | 0.85    | 3       | 1         | 20       | 30           | 25             |
| 2    | 1.25    | 3       | 1.75      | 50       | 30           | 45             |
| 3    | 1.5     | 3       | 2.25      | 75       | 25           | 55             |
| 4    | 1.85    | 3       | 3         | 135      | 20           | 65             |
| 5    | 2.35    | 3       | 4.25      | 200      | 15           | 90             |



| Part No.       | Size | Secondary RMS Rating |              |
|----------------|------|----------------------|--------------|
|                |      | Series               | Parallel     |
| LP10-2B34      | 1    | 10V C.T. @ 2.00A     | 5V @ 4.00A   |
| LP10-5B35      | 2    | 10V C.T. @ 5.00A     | 5V @ 10.0A   |
| LP10-7.5B36    | 3    | 10V C.T. @ 7.50A     | 5V @ 15.0A   |
| LP10-13.5B37   | 4    | 10V C.T. @ 13.5A     | 5V @ 27.0A   |
| LP10-20B38     | 5    | 10V C.T. @ 20.0A     | 5V @ 40.0A   |
| LP12-1.6B39    | 1    | 12.6V C.T. @ 1.60A   | 6.3V @ 3.20A |
| LP12-4B40      | 2    | 12.6V C.T. @ 4.00A   | 6.3V @ 8.00A |
| LP12-6B41      | 3    | 12.6V C.T. @ 6.00A   | 6.3V @ 12.0A |
| LP12-11B42     | 4    | 12.6V C.T. @ 11.0A   | 6.3V @ 22.0A |
| LP12-16B43     | 5    | 12.6V C.T. @ 16.0A   | 6.3V @ 32.0A |
| LP16-1.25B44   | 1    | 16V C.T. @ 1.25A     | 8V @ 2.50A   |
| LP16-3.15B45   | 2    | 16V C.T. @ 3.15A     | 8V @ 6.30A   |
| LP16-4.75B46   | 3    | 16V C.T. @ 4.75A     | 8V @ 9.50A   |
| LP16-8.5B47    | 4    | 16V C.T. @ 8.50A     | 8V @ 17.0A   |
| LP16-12.5B48   | 5    | 16V C.T. @ 12.5A     | 8V @ 25.0A   |
| LP18-1.1B110   | 1    | 18V C.T. @ 1.10A     | 9V @ 2.20A   |
| LP18-2.75B111  | 2    | 18V C.T. @ 2.75A     | 9V @ 5.50A   |
| LP18-4.2B112   | 3    | 18V C.T. @ 4.20A     | 9V @ 8.40A   |
| LP18-7.5B113   | 4    | 18V C.T. @ 7.50A     | 9V @ 15.0A   |
| LP18-11B114    | 5    | 18V C.T. @ 11.0A     | 9V @ 22.0A   |
| LP20-1B49      | 1    | 20V C.T. @ 1.00A     | 10V @ 2.00A  |
| LP20-2.5B50    | 2    | 20V C.T. @ 2.50A     | 10V @ 5.00A  |
| LP20-3.75B51   | 3    | 20V C.T. @ 3.75A     | 10V @ 7.50A  |
| LP20-6.75B52   | 4    | 20V C.T. @ 6.75A     | 10V @ 13.5A  |
| LP20-10B53     | 5    | 20V C.T. @ 10.0A     | 10V @ 20.0A  |
| LP24-0.85B54   | 1    | 24V C.T. @ 0.85A     | 12V @ 1.70A  |
| LP24-2.1B55    | 2    | 24V C.T. @ 2.10A     | 12V @ 4.20A  |
| LP24-3.15B56   | 3    | 24V C.T. @ 3.15A     | 12V @ 6.30A  |
| LP24-5.75B57   | 4    | 24V C.T. @ 5.75A     | 12V @ 11.5A  |
| LP24-8.5B58    | 5    | 24V C.T. @ 8.50A     | 12V @ 17.0A  |
| LP28-0.7B120   | 1    | 28V C.T. @ 0.70A     | 14V @ 1.40A  |
| LP28-1.75B121  | 2    | 28V C.T. @ 1.75A     | 14V @ 3.50A  |
| LP28-2.7B122   | 3    | 28V C.T. @ 2.70A     | 14V @ 5.40A  |
| LP28-4.8B123   | 4    | 28V C.T. @ 4.80A     | 14V @ 9.60A  |
| LP28-7B124     | 5    | 28V C.T. @ 7.00A     | 14V @ 14.0A  |
| LP30-0.65B130  | 1    | 30V C.T. @ 0.65A     | 15V @ 1.30A  |
| LP30-1.65B131  | 2    | 30V C.T. @ 1.65A     | 15V @ 3.30A  |
| LP30-2.5B132   | 3    | 30V C.T. @ 2.50A     | 15V @ 5.00A  |
| LP30-4.5B133   | 4    | 30V C.T. @ 4.50A     | 15V @ 9.00A  |
| LP30-6.65B134  | 5    | 30V C.T. @ 6.65A     | 15V @ 13.3A  |
| LP34-0.6B59    | 1    | 34V C.T. @ 0.60A     | 17V @ 1.20A  |
| LP34-1.5B60    | 2    | 34V C.T. @ 1.50A     | 17V @ 3.00A  |
| LP34-2.25B61   | 3    | 34V C.T. @ 2.25A     | 17V @ 4.50A  |
| LP34-4B62      | 4    | 34V C.T. @ 4.00A     | 17V @ 8.00A  |
| LP34-6B63      | 5    | 34V C.T. @ 6.00A     | 17V @ 12.0A  |
| LP40-0.5B64    | 1    | 40V C.T. @ 0.50A     | 20V @ 1.00A  |
| LP40-1.25B65   | 2    | 40V C.T. @ 1.25A     | 20V @ 2.50A  |
| LP40-1.9B56    | 3    | 40V C.T. @ 1.90A     | 20V @ 3.80A  |
| LP40-3.4B67    | 4    | 40V C.T. @ 3.40A     | 20V @ 6.80A  |
| LP40-5B68      | 5    | 40V C.T. @ 5.00A     | 20V @ 10.0A  |
| LP56-0.35B69   | 1    | 56V C.T. @ 0.35A     | 28V @ 0.70A  |
| LP56-0.9B70    | 2    | 56V C.T. @ 0.90A     | 28V @ 1.80A  |
| LP56-1.35B71   | 3    | 56V C.T. @ 1.35A     | 28V @ 2.70A  |
| LP56-2.4B72    | 4    | 56V C.T. @ 2.40A     | 28V @ 4.80A  |
| LP56-3.5B73    | 5    | 56V C.T. @ 3.50A     | 28V @ 7.00A  |
| LP120-0.17B79  | 1    | 120V C.T. @ 170mA    | 60V @ 340mA  |
| LP120-0.425B80 | 2    | 120V C.T. @ 425mA    | 60V @ 850mA  |
| LP120-0.625B81 | 3    | 120V C.T. @ 625mA    | 60V @ 1.25A  |
| LP120-1.1B82   | 4    | 120V C.T. @ 1.10A    | 60V @ 2.20A  |
| LP120-1.7B83   | 5    | 120V C.T. @ 1.70A    | 60V @ 3.40A  |
| LP230-0.09B84  | 1    | 230V C.T. @ 90mA     | 115V @ 180mA |
| LP230-0.22B85  | 2    | 230V C.T. @ 220mA    | 115V @ 440mA |
| LP230-0.325B86 | 3    | 230V C.T. @ 325mA    | 115V @ 650mA |
| LP230-0.6B87   | 4    | 230V C.T. @ 600mA    | 115V @ 1.20A |
| LP230-0.9B88   | 5    | 230V C.T. @ 900mA    | 115V @ 1.80A |