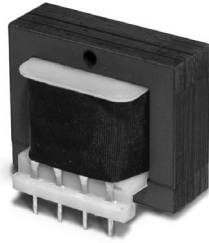


# LAMINATED TRANSFORMERS

## Low Frequency, Open-Style Laminated, Concentric Vertical Profile, 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





- 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

**Secondary Voltage Rating (Volts RMS)**

**Secondary Current Rating (mA RMS)**

**Individual Specification**

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

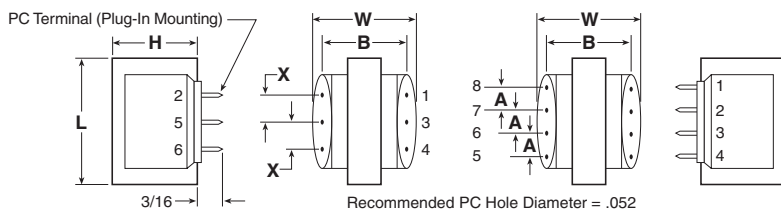
**Mechanical Configuration**  
B – No frame

### Dimensions (inches)

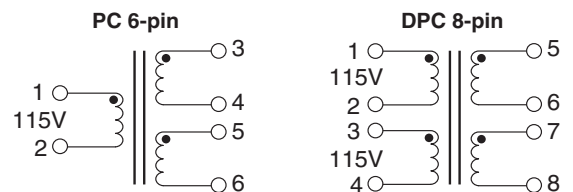
| Size | VA  | Wt. (oz.) | L     | H     | W     | B     | 6-pin X | 8-pin A |
|------|-----|-----------|-------|-------|-------|-------|---------|---------|
| 25   | 1.0 | 2.5       | 1.000 | 0.830 | 1.375 | 1.200 | 0.250   | 0.200   |
| 37   | 1.2 | 3         | 1.375 | 1.188 | 1.125 | 1.000 | 0.312   | 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.



### Schematics



| 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                   |