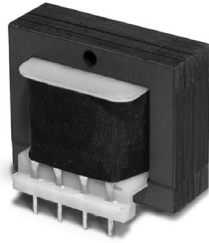


LAMINATED TRANSFORMERS

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)

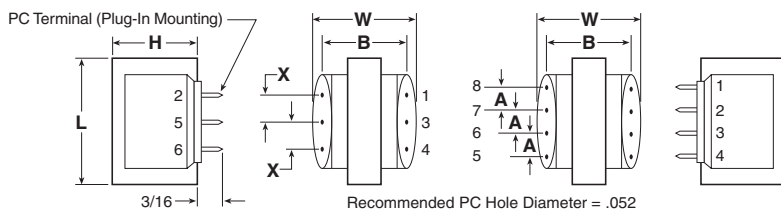
Mechanical Configuration
B – No frame

Dimensions (inches)

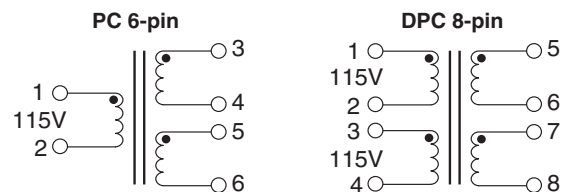
| Size | VA | Wt. (oz.) | L | H | W | B | 6-pin X | 8-pin A |
|------|-----|-----------|-------|-------|-------|-------|---------|---------|
| 25 | 1.0 | 2.5 | 1.000 | 0.830 | 1.375 | 1.200 | 0.250 | 0.200 |
| 37 | 1.2 | 3 | 1.375 | 1.188 | 1.125 | 1.000 | 0.312 | 0.200 |
| 50 | 4.4 | 5 | 1.625 | 1.375 | 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 |