

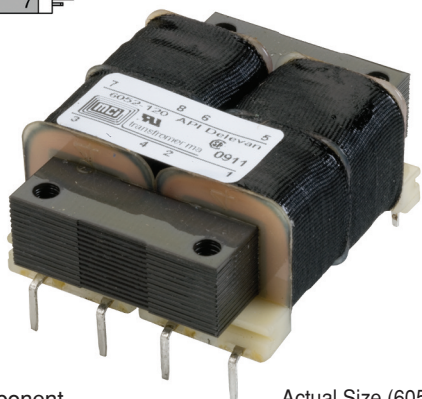
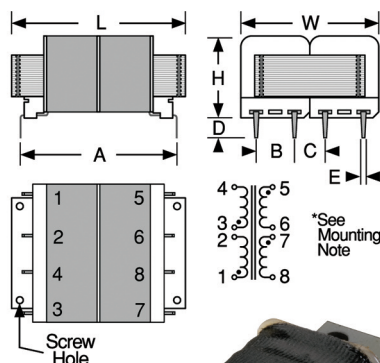
# SERIES

**6051R – 6055R**  
**6051 – 6055**

RoHS  
Compliant

Traditional  
First Quality

## Low Profile PC Power Transformers



Actual Size (6051)

### UL Certified

Recognized component  
Underwriters Labs, Inc.  
CSA Labeled

**Primary Voltage** 115/230 V

**Operating Frequency** 50/60 Hz

**Operating Temperature** 130° C

1500 V RMS Hipot

Split bobbin non-concentric winding

Dots on schematic indicate like polarity

### Mounting Note

Series 6051, 6052 and 6053 – 4 mounting holes  
23/16 in. x 13/4 in. for #6 screw

Series 6054 and 6055 – 2 mounting holes

\*See mechanical drawing for correct PCB footprint.

\*Complete part # must include series # PLUS the dash #

For surface finish information,  
refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)

| PART NUMBER* | VA   | PARALLEL VOLTAGE<br>SECONDARY CONNECTION (V) | PARALLEL VOLTAGE<br>SECONDARY CONNECTION (V) | PARALLEL CURRENT<br>SECONDARY CONNECTION (A) | PARALLEL CURRENT<br>SECONDARY CONNECTION (A) |
|--------------|------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| 6051-010     | 2.5  | 10.0                                         | 5.0                                          | 0.250                                        | 0.500                                        |
| 6051-012     | 2.5  | 12.6                                         | 6.3                                          | 0.200                                        | 0.400                                        |
| 6051-016     | 2.5  | 16.0                                         | 8.0                                          | 0.156                                        | 0.312                                        |
| 6051-020     | 2.5  | 20.0                                         | 10.0                                         | 0.125                                        | 0.250                                        |
| 6051-024     | 2.5  | 24.0                                         | 12.0                                         | 0.104                                        | 0.208                                        |
| 6051-034     | 2.5  | 34.0                                         | 17.0                                         | 0.073                                        | 0.146                                        |
| 6051-040     | 2.5  | 40.0                                         | 20.0                                         | 0.062                                        | 0.124                                        |
| 6051-056     | 2.5  | 56.0                                         | 28.0                                         | 0.044                                        | 0.088                                        |
| 6051-088     | 2.5  | 88.0                                         | 44.0                                         | 0.028                                        | 0.056                                        |
| 6051-120     | 2.5  | 120.                                         | 60.0                                         | 0.020                                        | 0.040                                        |
| 6051-230     | 2.5  | 230.                                         | 115.                                         | 0.010                                        | 0.020                                        |
| 6052-010     | 6.0  | 10.0                                         | 5.0                                          | 0.600                                        | 1.200                                        |
| 6052-012     | 6.0  | 12.6                                         | 6.3                                          | 0.450                                        | 0.900                                        |
| 6052-016     | 6.0  | 16.0                                         | 8.0                                          | 0.350                                        | 0.700                                        |
| 6052-020     | 6.0  | 20.0                                         | 10.0                                         | 0.300                                        | 0.600                                        |
| 6052-024     | 6.0  | 24.0                                         | 12.0                                         | 0.250                                        | 0.500                                        |
| 6052-034     | 6.0  | 34.0                                         | 17.0                                         | 0.170                                        | 0.340                                        |
| 6052-040     | 6.0  | 40.0                                         | 20.0                                         | 0.150                                        | 0.300                                        |
| 6052-056     | 6.0  | 56.0                                         | 28.0                                         | 0.100                                        | 0.200                                        |
| 6052-088     | 6.0  | 88.0                                         | 44.0                                         | 0.065                                        | 0.130                                        |
| 6052-120     | 6.0  | 120.                                         | 60.0                                         | 0.050                                        | 0.100                                        |
| 6052-230     | 6.0  | 230.                                         | 115.                                         | 0.025                                        | 0.050                                        |
| 6053-010     | 12.0 | 10.0                                         | 5.0                                          | 1.200                                        | 2.400                                        |
| 6053-012     | 12.0 | 12.6                                         | 6.3                                          | 0.900                                        | 1.800                                        |
| 6053-016     | 12.0 | 16.0                                         | 8.0                                          | 0.700                                        | 1.400                                        |
| 6053-020     | 12.0 | 20.0                                         | 10.0                                         | 0.600                                        | 1.200                                        |
| 6053-024     | 12.0 | 24.0                                         | 12.0                                         | 0.500                                        | 1.000                                        |
| 6053-034     | 12.0 | 34.0                                         | 17.0                                         | 0.340                                        | 0.680                                        |
| 6053-040     | 12.0 | 40.0                                         | 20.0                                         | 0.300                                        | 0.600                                        |
| 6053-056     | 12.0 | 56.0                                         | 28.0                                         | 0.200                                        | 0.400                                        |
| 6053-088     | 12.0 | 88.0                                         | 44.0                                         | 0.130                                        | 0.260                                        |
| 6053-120     | 12.0 | 120.                                         | 60.0                                         | 0.100                                        | 0.200                                        |
| 6053-230     | 12.0 | 230.                                         | 115.                                         | 0.050                                        | 0.100                                        |
| 6054-010     | 24.0 | 10.0                                         | 5.0                                          | 2.400                                        | 4.800                                        |
| 6054-012     | 24.0 | 12.6                                         | 6.3                                          | 1.900                                        | 3.800                                        |
| 6054-016     | 24.0 | 16.0                                         | 8.0                                          | 1.500                                        | 3.000                                        |
| 6054-020     | 24.0 | 20.0                                         | 10.0                                         | 1.200                                        | 2.400                                        |
| 6054-024     | 24.0 | 24.0                                         | 12.0                                         | 1.000                                        | 2.000                                        |
| 6054-030     | 24.0 | 30.0                                         | 15.0                                         | 0.800                                        | 1.600                                        |
| 6054-034     | 24.0 | 34.0                                         | 17.0                                         | 0.700                                        | 1.400                                        |
| 6054-040     | 24.0 | 40.0                                         | 20.0                                         | 0.600                                        | 1.200                                        |
| 6054-056     | 24.0 | 56.0                                         | 28.0                                         | 0.425                                        | 0.850                                        |
| 6054-088     | 24.0 | 88.0                                         | 44.0                                         | 0.275                                        | 0.550                                        |
| 6054-120     | 24.0 | 120.                                         | 60.0                                         | 0.200                                        | 0.400                                        |
| 6054-230     | 24.0 | 230.                                         | 115.                                         | 0.100                                        | 0.200                                        |
| 6055-010     | 48.0 | 10.0                                         | 5.0                                          | 4.800                                        | 9.600                                        |
| 6055-012     | 48.0 | 12.6                                         | 6.3                                          | 3.800                                        | 7.600                                        |
| 6055-016     | 48.0 | 16.0                                         | 8.0                                          | 3.000                                        | 6.000                                        |
| 6055-020     | 48.0 | 20.0                                         | 10.0                                         | 2.400                                        | 4.800                                        |
| 6055-024     | 48.0 | 24.0                                         | 12.0                                         | 2.000                                        | 4.000                                        |
| 6055-030     | 48.0 | 30.0                                         | 15.0                                         | 1.600                                        | 3.200                                        |
| 6055-034     | 48.0 | 34.0                                         | 17.0                                         | 1.400                                        | 2.800                                        |
| 6055-040     | 48.0 | 40.0                                         | 20.0                                         | 1.200                                        | 2.400                                        |
| 6055-056     | 48.0 | 56.0                                         | 28.0                                         | 0.850                                        | 1.700                                        |
| 6055-088     | 48.0 | 88.0                                         | 44.0                                         | 0.550                                        | 1.100                                        |
| 6055-120     | 48.0 | 120.                                         | 60.0                                         | 0.400                                        | 0.800                                        |
| 6055-230     | 48.0 | 230.                                         | 115.                                         | 0.200                                        | 0.400                                        |

### Physical Parameters & Mounting Information

|      | L    |       | W    |       | H    |       | A    |       | B    |       | C    |       | D    |      | E     |      | Weight |      |
|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|-------|------|--------|------|
|      | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm    | in.  | mm   | in.   | mm   | oz.    | kg   |
| 6051 | 1.88 | 47.62 | 1.56 | 39.68 | 0.65 | 16.50 | 1.60 | 40.63 | 0.38 | 9.53  |      |       | 0.25 | 6.35 | 0.041 | 1.04 | 5      | .142 |
| 6052 | 1.88 | 47.62 | 1.56 | 39.68 | 0.85 | 21.59 | 1.60 | 40.63 | 0.38 | 9.53  |      |       | 0.25 | 6.35 | 0.041 | 1.04 | 7      | .219 |
| 6053 | 2.50 | 63.49 | 2.00 | 50.80 | 1.07 | 27.05 | 2.00 | 50.79 | 0.50 | 12.69 |      |       | 0.25 | 6.35 | 0.041 | 1.04 | 11     | .312 |
| 6054 | 2.88 | 73.02 | 2.25 | 57.15 | 1.25 | 31.74 | 1.90 | 48.26 | 0.60 | 15.24 | 0.53 | 13.46 | 0.25 | 6.35 | 0.041 | 1.04 | 15     | .426 |
| 6055 | 3.13 | 79.37 | 2.50 | 63.50 | 1.38 | 34.92 | 2.18 | 55.37 | 0.60 | 15.24 | 0.66 | 16.76 | 0.25 | 6.35 | 0.041 | 1.04 | 21     | .596 |