

# Low Voltage - P.C. Board Mount (229 Series)

Power

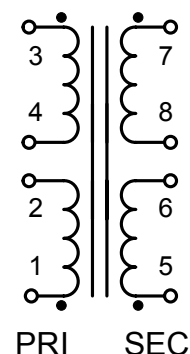
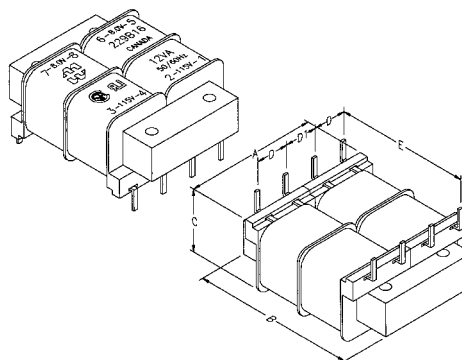
| Part No.<br>Dual Pri.<br>115/230V | Size<br>(VA) | Secondary (RMS)    |              |
|-----------------------------------|--------------|--------------------|--------------|
|                                   |              | Series             | Parallel     |
| 229E10                            | 2            | 10V C.T. @ 250ma   | 5V @ 500ma   |
| 229A10                            | 6            | 10V C.T. @ 600ma   | 5V @ 1.2A    |
| 229B10                            | 12           | 10V C.T. @ 1.2A    | 5V @ 2.4A    |
| 229C10                            | 24           | 10V C.T. @ 2.4A    | 5V @ 4.8A    |
| 229D10                            | 48           | 10V C.T. @ 4.8A    | 5V @ 9.6A    |
| 229E12                            | 2            | 12.6V C.T. @ 200ma | 6.3V @ 400ma |
| 229A12                            | 6            | 12.6V C.T. @ 450ma | 6.3V @ 900ma |
| 229B12                            | 12           | 12.6V C.T. @ 900ma | 6.3V @ 1.8A  |
| 229C12                            | 24           | 12.6V C.T. @ 1.9A  | 6.3V @ 3.8A  |
| 229D12                            | 48           | 12.6V C.T. @ 3.8A  | 6.3V @ 7.6A  |
| 229E16                            | 2            | 16V C.T. @ 150ma   | 8V @ 300ma   |
| 229A16                            | 6            | 16V C.T. @ 350ma   | 8V @ 700ma   |
| 229B16                            | 12           | 16V C.T. @ 700ma   | 8V @ 1.4A    |
| 229C16                            | 24           | 16V C.T. @ 1.5A    | 8V @ 3A      |
| 229D16                            | 48           | 16V C.T. @ 3A      | 8V @ 6A      |
| 229E20                            | 2            | 20V C.T. @ 125ma   | 10V @ 250ma  |
| 229A20                            | 6            | 20V C.T. @ 300ma   | 10V @ 600ma  |
| 229B20                            | 12           | 20V C.T. @ 600ma   | 10V @ 1.2A   |
| 229C20                            | 24           | 20V C.T. @ 1.2A    | 10V @ 2.4A   |
| 229D20                            | 48           | 20V C.T. @ 2.4A    | 10V @ 4.8A   |
| 229E24                            | 2            | 24V C.T. @ 100ma   | 12V @ 200ma  |
| 229A24                            | 6            | 24V C.T. @ 250ma   | 12V @ 500ma  |
| 229B24                            | 12           | 24V C.T. @ 500ma   | 12V @ 1A     |
| 229C24                            | 24           | 24V C.T. @ 1A      | 12V @ 2A     |
| 229D24                            | 48           | 24V C.T. @ 2A      | 12V @ 4A     |
| 229E30                            | 2            | 30V C.T. @ 85ma    | 15V @ 170ma  |
| 229A30                            | 6            | 30V C.T. @ 200ma   | 15V @ 400ma  |
| 229B30                            | 12           | 30V C.T. @ 400ma   | 15V @ 800ma  |
| 229C30                            | 24           | 30V C.T. @ 800ma   | 15V @ 1.6A   |
| 229D30                            | 48           | 30V C.T. @ 1.6A    | 15V @ 3.2A   |
| 229E34                            | 2            | 34V C.T. @ 75ma    | 17V @ 150ma  |
| 229A34                            | 6            | 34V C.T. @ 170ma   | 17V @ 340ma  |
| 229B34                            | 12           | 34V C.T. @ 340ma   | 17V @ 680ma  |
| 229C34                            | 24           | 34V C.T. @ 700ma   | 17V @ 1.4A   |
| 229D34                            | 48           | 34V C.T. @ 1.4A    | 17V @ 2.8A   |
| 229E40                            | 2            | 40V C.T. @ 60ma    | 20V @ 120ma  |
| 229A40                            | 6            | 40V C.T. @ 150ma   | 20V @ 300ma  |
| 229B40                            | 12           | 40V C.T. @ 300ma   | 20V @ 600ma  |
| 229C40                            | 24           | 40V C.T. @ 600ma   | 20V @ 1.2A   |
| 229D40                            | 48           | 40V C.T. @ 1.2A    | 20V @ 2.4A   |
| 229E56                            | 2            | 56V C.T. @ 45ma    | 28V @ 90ma   |
| 229A56                            | 6            | 56V C.T. @ 100ma   | 28V @ 200ma  |
| 229B56                            | 12           | 56V C.T. @ 200ma   | 28V @ 400ma  |
| 229C56                            | 24           | 56V C.T. @ 425ma   | 28V @ 850ma  |
| 229D56                            | 48           | 56V C.T. @ 850ma   | 28V @ 1.7A   |
| 229E88                            | 2            | 88V C.T. @ 28ma    | 44V @ 56ma   |
| 229A88                            | 6            | 88V C.T. @ 65ma    | 44V @ 130ma  |
| 229B88                            | 12           | 88V C.T. @ 130ma   | 44V @ 260ma  |
| 229E120                           | 2            | 120V C.T. @ 20ma   | 60V @ 40ma   |
| 229A120                           | 6            | 120V C.T. @ 50ma   | 60V @ 100ma  |
| 229B120                           | 12           | 120V C.T. @ 100ma  | 60V @ 200ma  |
| 229E230                           | 2            | 230V C.T. @ 10ma   | 115V @ 20ma  |
| 229A230                           | 6            | 230V C.T. @ 25ma   | 115V @ 50ma  |
| 229B230                           | 12           | 230V C.T. @ 50ma   | 115V @ 100ma |



## LOW VOLTAGE - P.C. BOARD MOUNT LOW PROFILE

- Low profile mounting, dual - split bobbin design.
- Low primary to secondary coupling, balanced windings, no electrostatic shield required and low EMF radiation due to semi-toroidal design.
- Universal dual primary 115/230V - 50/60 Hz.
- High insulation - Hipot of 1,750V RMS.
- Class B insulation - 130 degrees C.
- C UL US recognized

**C UL US**



Dimension Table

| Size<br>(VA) | Regu-<br>lation | P.C.<br>Card<br>Spacing | Pin<br>Size  | Dimensions (Inches) |      |      |      |      |      |
|--------------|-----------------|-------------------------|--------------|---------------------|------|------|------|------|------|
|              |                 |                         |              | A                   | B    | C    | D    | D1   | E    |
| 2            | 30%             | 0.75                    | .018 x .041" | 1.56                | 1.88 | 0.65 | 0.38 | 0.38 | 1.60 |
| 6            | 30%             | 1.00                    | .018 x .041" | 1.56                | 1.88 | 0.85 | 0.38 | 0.38 | 1.60 |
| 12           | 20%             | 1.25                    | .018 x .041" | 2.00                | 2.50 | 1.07 | 0.50 | 0.50 | 2.00 |
| 24           | 15%             | 1.50                    | .040" square | 2.25                | 2.87 | 1.25 | 0.60 | 0.53 | 1.90 |
| 48           | 15%             | 1.50                    | .040" square | 2.50                | 3.12 | 1.38 | 0.60 | 0.66 | 2.18 |

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