

### Features:



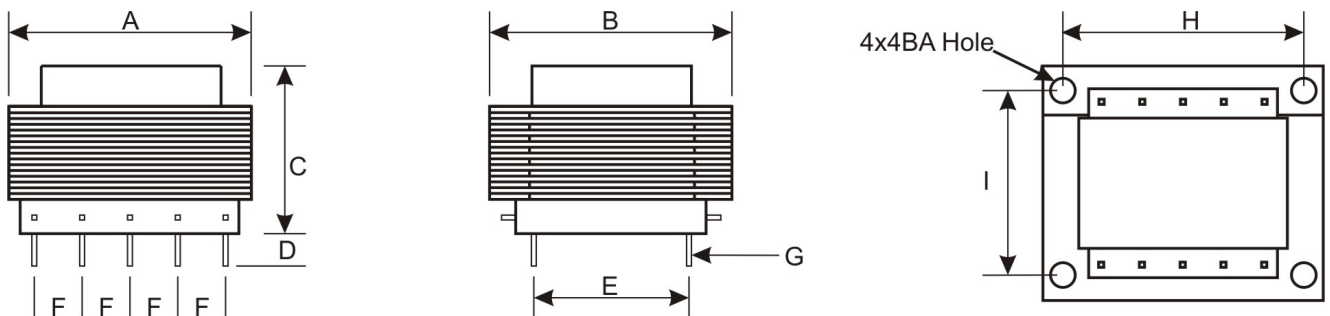
- Made in the UK
- 0-110,0-110-130V, (110/220/240V) Primary
- Power: 6 ~ 12 VA 50/60Hz
- High Quality PCB Transformer
- Dual Secondary windings
- Temperature Class: - Class B (130°C)
- Dielectric Strength: 4200Vrms
- Manufactured and tested in accordance to EN61558, EN60950, CE



### Description

The VTX-120-xxx-5xx transformers are a 6VA or 12VA high quality multi-input mains PCB-mount Iso-lation Transformer with 110/220/240VAC primary and a dual secondary.

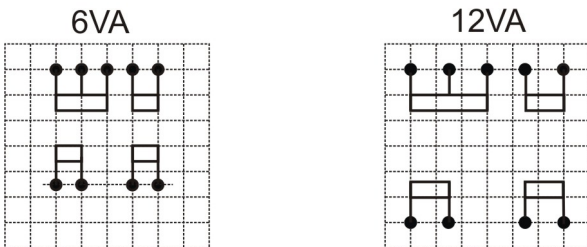
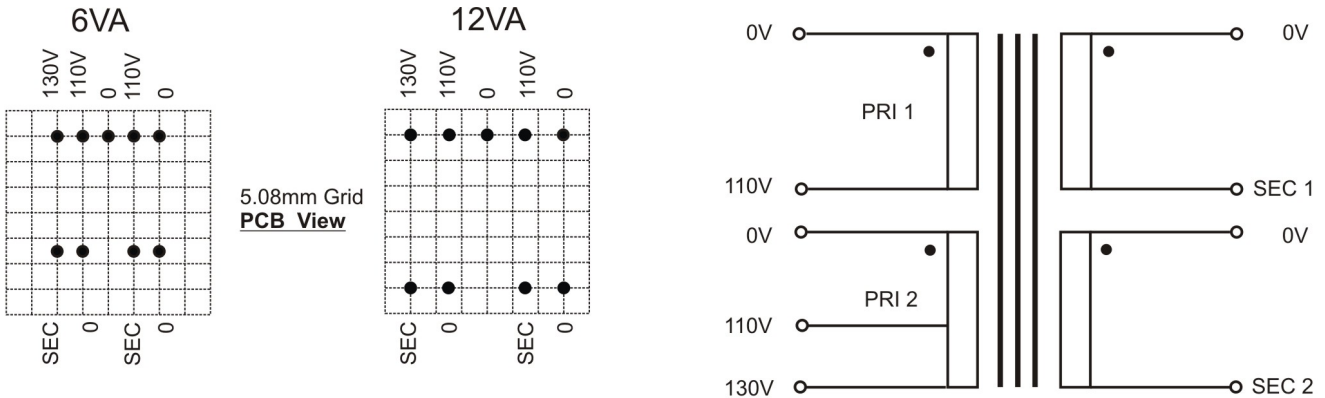
### Dimensions



| VA Rating        | Dimension (mm) |        |        |        |        |        |          |       |       | Weight (g) |
|------------------|----------------|--------|--------|--------|--------|--------|----------|-------|-------|------------|
|                  | A              | B      | C      | D      | E      | F      | G        | H     | I     |            |
| <b>6</b>         | 43             | 36     | 35     | 4      | 22.9   | 5.08   | Sq 0.7   | -     | -     | 180        |
| <b>12</b>        | 57.25          | 47.75  | 45.5   | 4      | 30.5   | 7.62   | 1.61x0.7 | 47.50 | 38.25 | 390        |
| <b>Tolerance</b> | +/-0.5         | +/-0.5 | +/-0.5 | +/-1.0 | +/-0.5 | +/-0.2 | +/-0.1   |       |       | approx     |

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements. The information contained in this document is subject to change without notice.

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**Schematic**


Unused Pins will be omitted from standard parts.

Recommended hole size for PCB pins:  
 6VA, 1.2mm Dia  
 12VA, 1.8mm Dia

Windings can be connected in Parallel or Series

**Selection Guide**

| Twin Secondaries |                         |                     |                      |                         |                |                |
|------------------|-------------------------|---------------------|----------------------|-------------------------|----------------|----------------|
| VA Rating        | Part No                 | Input Voltage (Vac) | Output Voltage (Vac) | Output Current Max (mA) | Secondary Fuse | Regulation (%) |
| 6                | <b>VTX-120-006-5045</b> | 110/220/240         | 2 x 4.5              | 666                     | 0.630AT        | 25             |
| 6                | <b>VTX-120-006-506</b>  | 110/220/240         | 2 x 6                | 500                     | 0.500AT        | 25             |
| 6                | <b>VTX-120-006-509</b>  | 110/220/240         | 2 x 9                | 333                     | 0.315AT        | 25             |
| 6                | <b>VTX-120-006-512</b>  | 110/220/240         | 2 x 12               | 250                     | 0.250AT        | 25             |
| 6                | <b>VTX-120-006-515</b>  | 110/220/240         | 2 x 15               | 200                     | 0.200AT        | 25             |
| 6                | <b>VTX-120-006-518</b>  | 110/220/240         | 2 x 18               | 166                     | 0.160AT        | 25             |
| 6                | <b>VTX-120-006-520</b>  | 110/220/240         | 2 x 20               | 150                     | 0.160AT        | 25             |
| 6                | <b>VTX-120-006-524</b>  | 110/220/240         | 2 x 24               | 125                     | 0.125AT        | 25             |
| 12               | <b>VTX-120-012-506</b>  | 110/220/240         | 2 x 6                | 1000                    | 1.000AT        | 12             |
| 12               | <b>VTX-120-012-509</b>  | 110/220/240         | 2 x 9                | 666                     | 0.630AT        | 12             |
| 12               | <b>VTX-120-012-512</b>  | 110/220/240         | 2 x 12               | 500                     | 0.500AT        | 12             |
| 12               | <b>VTX-120-012-515</b>  | 110/220/240         | 2 x 15               | 400                     | 0.400AT        | 12             |
| 12               | <b>VTX-120-012-518</b>  | 110/220/240         | 2 x 18               | 333                     | 0.315AT        | 12             |
| 12               | <b>VTX-120-012-520</b>  | 110/220/240         | 2 x 20               | 300                     | 0.315AT        | 12             |
| 12               | <b>VTX-120-012-524</b>  | 110/220/240         | 2 x 24               | 250                     | 0.250AT        | 12             |

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