

Features:



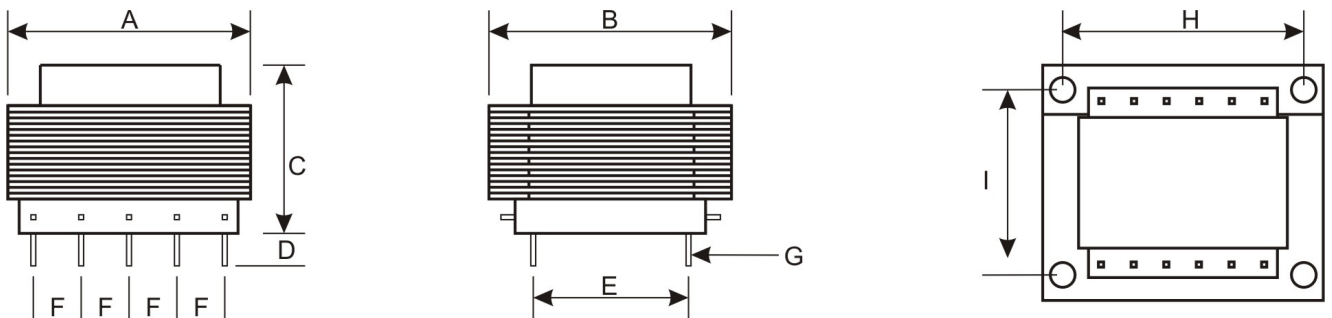
- Made in the UK
- Input Voltage 230V or 115V
- Power: 3 ~ 36 VA 50/60Hz
- High Quality PCB Transformer
- UL94-V0 Materials
- Isolated Primary/Secondary windings
- Temperature Class: - Class B (130°C)
- Dielectric Strength: 4200Vrms
- Manufactured and tested in accordance to EN61558, EN60950, CE



Description

PCB mounting transformer from Vigortronix with 2 x 115V or 230V primary and dual secondary windings, suitable for 50/60Hz operations. The two independent secondary windings are most suitable for connecting in series, parallel or centre tap giving a wide range of output voltage and current combinations. These units are manufactured in the UK and tested according to the latest specifications.

Dimensions

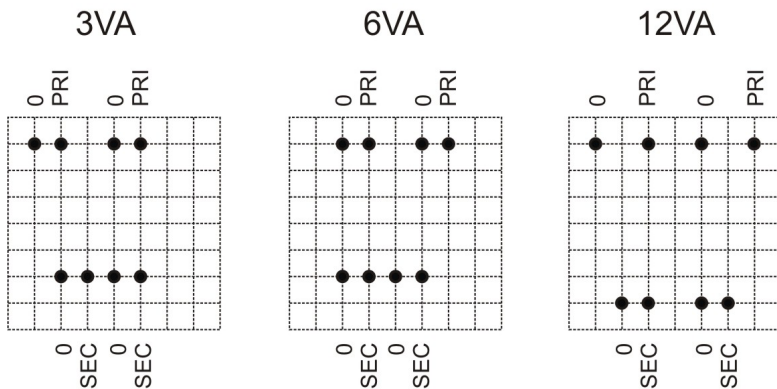


VA Rating	Dimension (mm)											
	A	B	C	D	E	F	G	H	I	Hole (mm)	PCB Hole	Weight (g)
3	38	32	30	4	25	5	Sq 0.7				1.2	140
6	43	36	32	4	25	5	1.0x 0.7				1.2	180
12	54	45	39	4	30	5	1.0 sq.	45	36	3.4	1.8	340
Tolerance	+/-0.5	+/-0.5	+/-0.5	+/-1.0	+/-0.5	+/-0.2	+/-0.1			Dia		approx
12 ~36	Please contact us to discuss your requirements											

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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 Vigortronix is a trading name of Vigortronix Limited

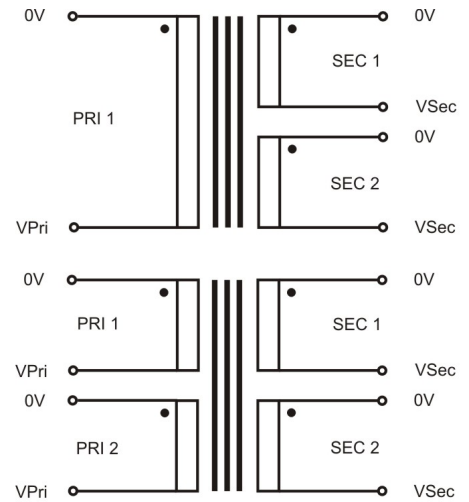
Schematic



Single Primary winding uses the two outer pins, the inner pins are left in for mounting support.

5mm Grid [PCB VIEW](#)

Unused pins will be omitted from standard parts.



Windings can be connected in Parallel or Series

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

Selection Guide

230 V, Twin Secondaries

VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (mA)	Regulation (%)
3	VTX-120-3803-2045	230	2 x 4.5	333	20
3	VTX-120-3803-206	230	2 x 6	250	20
3	VTX-120-3803-2075	230	2 x 7.5	200	20
3	VTX-120-3803-209	230	2 x 9	166	20
3	VTX-120-3803-212	230	2 x 12	125	20
3	VTX-120-3803-215	230	2 x 15	100	20
3	VTX-120-3803-218	230	2 x 18	83	20
3	VTX-120-3803-220	230	2 x 20	75	20
3	VTX-120-3803-224	230	2 x 24	63	20

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230 V, Twin Secondaries					
VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (mA)	Regulation (%)
6	VTX-120-4206-2045	230	2 x 4.5	666	25
6	VTX-120-4206-206	230	2 x 6	500	25
6	VTX-120-4206-2075	230	2 x 7.5	400	25
6	VTX-120-4206-209	230	2 x 9	333	25
6	VTX-120-4206-212	230	2 x 12	250	25
6	VTX-120-4206-215	230	2 x 15	200	25
6	VTX-120-4206-218	230	2 x 18	166	25
6	VTX-120-4206-220	230	2 x 20	150	25
6	VTX-120-4206-224	230	2 x 24	125	25
12	VTX-120-5412-2045	230	2 x 4.5	1333	12
12	VTX-120-5412-206	230	2 x 6	1000	12
12	VTX-120-5412-2075	230	2 x 7.5	800	12
12	VTX-120-5412-209	230	2 x 9	666	12
12	VTX-120-5412-212	230	2 x 12	500	12
12	VTX-120-5412-215	230	2 x 15	400	12
12	VTX-120-5412-218	230	2 x 18	333	12
12	VTX-120-5412-220	230	2 x 20	300	12
12	VTX-120-5412-224	230	2 x 24	250	12
Note: Other output voltages available upon request.					

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2 x 115 V, Twin Secondaries					
VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (mA)	Regulation (%)
3	VTX-120-3803-4045	2 x 115	2 x 4.5	333	20
3	VTX-120-3803-406	2 x 115	2 x 6	250	20
3	VTX-120-3803-4075	2 x 115	2 x 7.5	200	20
3	VTX-120-3803-409	2 x 115	2 x 9	166	20
3	VTX-120-3803-412	2 x 115	2 x 12	125	20
3	VTX-120-3803-415	2 x 115	2 x 15	100	20
3	VTX-120-3803-418	2 x 115	2 x 18	83	20
3	VTX-120-3803-420	2 x 115	2 x 20	75	20
3	VTX-120-3803-424	2 x 115	2 x 24	63	20
6	VTX-120-4206-4045	2 x 115	2 x 4.5	666	25
6	VTX-120-4206-406	2 x 115	2 x 6	500	25
6	VTX-120-4206-4075	2 x 115	2 x 7.5	400	25
6	VTX-120-4206-409	2 x 115	2 x 9	333	25
6	VTX-120-4206-412	2 x 115	2 x 12	250	25
6	VTX-120-4206-415	2 x 115	2 x 15	200	25
6	VTX-120-4206-418	2 x 115	2 x 18	166	25
6	VTX-120-4206-420	2 x 115	2 x 20	150	25
6	VTX-120-4206-424	2 x 115	2 x 24	125	25
12	VTX-120-5412-4045	2 x 115	2 x 4.5	1333	12
12	VTX-120-5412-406	2 x 115	2 x 6	1000	12
12	VTX-120-5412-4075	2 x 115	2 x 7.5	800	12
12	VTX-120-5412-409	2 x 115	2 x 9	666	12
12	VTX-120-5412-412	2 x 115	2 x 12	500	12
12	VTX-120-5412-415	2 x 115	2 x 15	400	12
12	VTX-120-5412-418	2 x 115	2 x 18	333	12
12	VTX-120-5412-420	2 x 115	2 x 20	300	12
12	VTX-120-5412-424	2 x 115	2 x 24	250	12
Note: Other output voltages available upon request.					

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