

Features:

- High Quality Encapsulated Transformer
- Single/Dual Primary windings
- Power: 0.5 ~ 3.0 VA 50/60Hz
- Temperature Class: - Class B (130°C)
- Ambient temperature: +70°C
- Dielectric Strength: 4200Vrms
- Inherently Short-circuit proof
- Materials: UL94-V0
- Manufactured and tested in accordance to EN61558, EN60950, CE



Description

VTX-121-30xx Series are high performance EI30 encapsulated transformers with PCB mounting. Due to their construction and encapsulation these transformers provide excellent performance in aggressive environments where potential exists for changes in temperature and humidity.

Dimensions

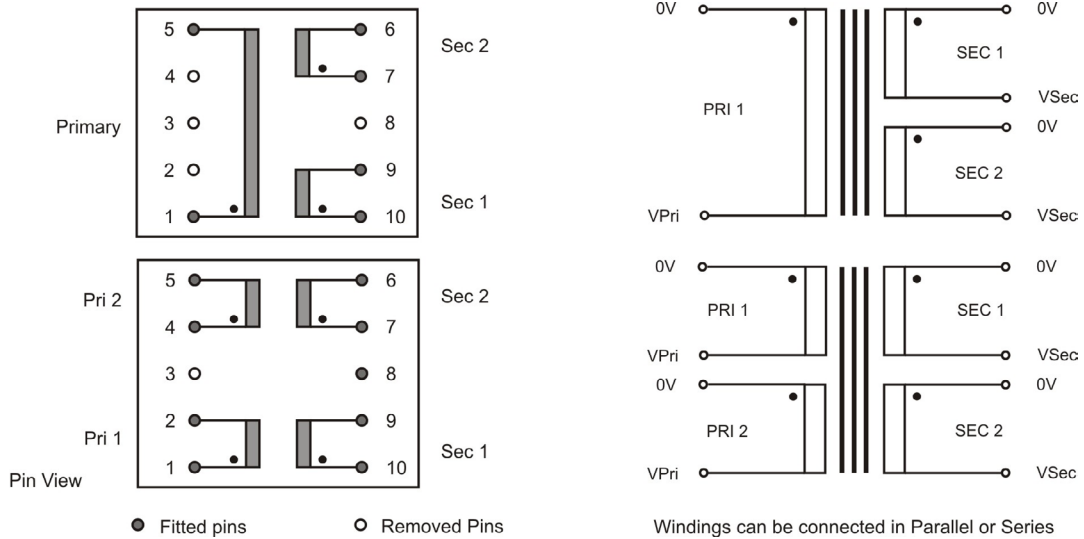


VA Rating	Dimension (mm)							Weight (g)
	A	B	C	D	E	F	G	
0.5	32.6	27.6	15.2	4	20	5	Sq 0.64	40
1.5	32.6	27.6	24	4	20	5	Sq 0.64	80
1.9	32.6	27.6	24	4	20	5	Sq 0.64	80
2.3	32.6	27.6	27	4	20	5	Sq 0.64	100
2.5	32.6	27.6	27	4	20	5	Sq 0.64	100
2.8	32.6	27.6	29.3	4	20	5	Sq 0.64	110
Tolerance	+/-0.5	+/-0.5	+/-0.5	+/-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.

Schematic

Unused Pins will be omitted from standard parts.
Recommended Drill Hole Diameter for Pins: 1.0mm



Selection Guide

VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (mA)	ta (°C)	Approvals
0.5	VTX-121-3005-206	230	2 x 6	50	70	UL / VDE CE
0.5	VTX-121-3005-209	230	2 x 9	33	70	
0.5	VTX-121-3005-212	230	2 x 12	25	70	
0.5	VTX-121-3005-215	230	2 x 15	20	70	
0.5	VTX-121-3005-218	230	2 x 18	17	70	
0.5	VTX-121-3005-224	230	2 x 24	12	70	
1.5	VTX-121-3015-203	230	2 x 3	250	70	
1.5	VTX-121-3015-206	230	2 x 6	125	70	
1.5	VTX-121-3015-2075	230	2 x 7.5	100	70	
1.5	VTX-121-3015-209	230	2 x 9	83	70	
1.5	VTX-121-3015-212	230	2 x 12	62	70	
1.5	VTX-121-3015-215	230	2 x 15	50	70	
1.5	VTX-121-3015-218	230	2 x 18	42	70	
1.5	VTX-121-3015-224	230	2 x 24	31	70	
2.3	VTX-121-3023-206	230	2 x 6	191	70	
2.3	VTX-121-3023-2075	230	2 x 7.5	154	70	
2.3	VTX-121-3023-209	230	2 x 9	127	70	
2.3	VTX-121-3023-212	230	2 x 12	95	70	
2.3	VTX-121-3023-215	230	2 x 15	76	70	
2.3	VTX-121-3023-218	230	2 x 18	63	70	
2.3	VTX-121-3023-224	230	2 x 24	48	70	

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.

VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (mA)	ta (°C)	Approvals	
0.5	VTX-121-3005-406	2 x 115	2 x 6	50	70	CE	
0.5	VTX-121-3005-409	2 x 115	2 x 9	33	70		
0.5	VTX-121-3005-412	2 x 115	2 x 12	25	70		
0.5	VTX-121-3005-415	2 x 115	2 x 15	20	70		
0.5	VTX-121-3005-418	2 x 115	2 x 18	17	70		
0.5	VTX-121-3005-424	2 x 115	2 x 24	12	70		
1.5	VTX-121-3015-406	2 x 115	2 x 6	125	70		
1.5	VTX-121-3015-4075	2 x 115	2 x 7.5	100	70		
1.5	VTX-121-3015-409	2 x 115	2 x 9	83	70		
1.5	VTX-121-3015-412	2 x 115	2 x 12	62	70		
1.5	VTX-121-3015-415	2 x 115	2 x 15	50	70		
1.5	VTX-121-3015-418	2 x 115	2 x 18	42	70		
1.5	VTX-121-3015-424	2 x 115	2 x 24	31	70		
2.3	VTX-121-3023-406	2 x 115	2 x 6	191	70		
2.3	VTX-121-3023-409	2 x 115	2 x 9	127	70		
2.3	VTX-121-3023-412	2 x 115	2 x 12	95	70		
2.3	VTX-121-3023-415	2 x 115	2 x 15	76	70		
2.3	VTX-121-3023-418	2 x 115	2 x 18	63	70		
2.3	VTX-121-3023-424	2 x 115	2 x 24	48	70		
Note: alternative versions maybe available upon request							

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.