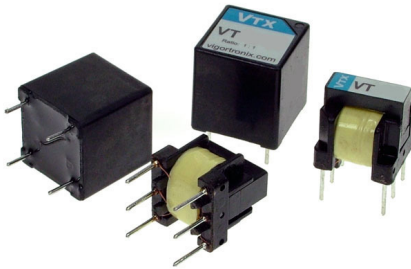


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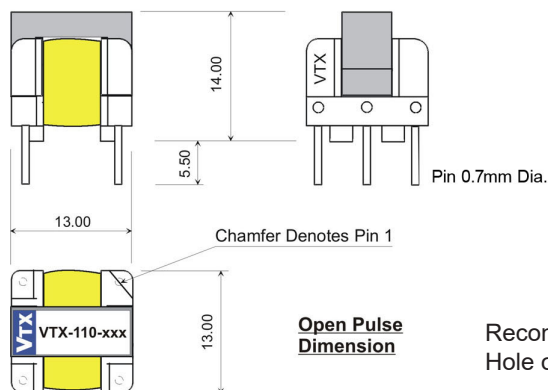
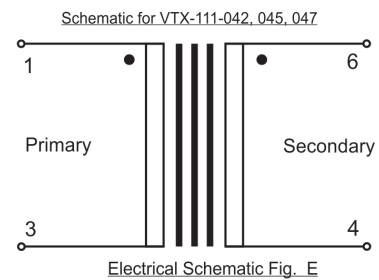
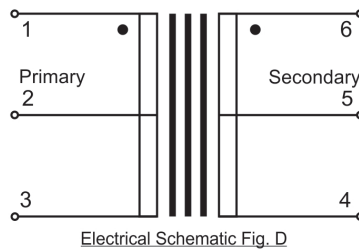
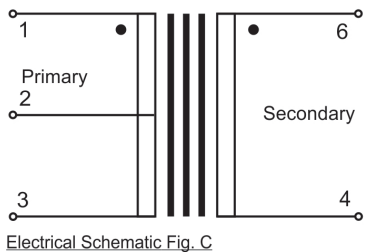
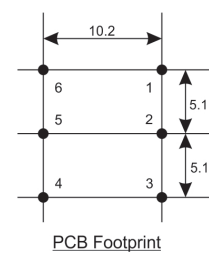
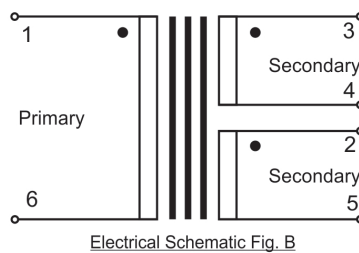
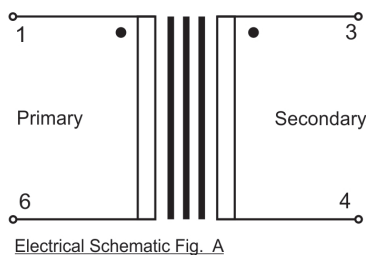
- Open or Encapsulated PCB mounting
- Designed for Wide band and General Pulse applications.
- Ideal for Triac and Thyristor Control Systems.
- Max Pulse Current 200mA (Peak)
- UL94-V0 rated materials.
- RoHS Compliant



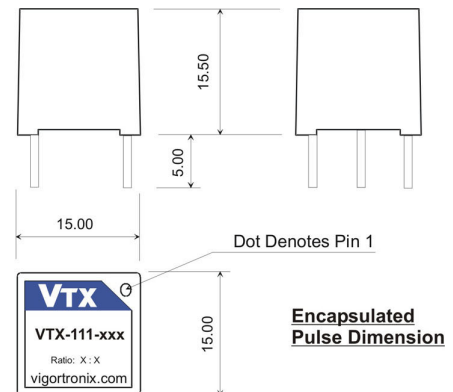
Description

These transformers handle currents & voltages in the form of pulses within power electronic circuits and separate the source & load. These kinds of transformer are used in radar, television, digital computers, and many more.

Schematic and Dimensions



Recommended PCB
Hole of 1.0-1.2mm Dia.



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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Selection Guide

Part No	Ratio	Fig.	Ind. Pri (mH) Min	Ind. Sec (mH) Min	Pri DCR Ω +/- 10%	Sec DCR Ω +/-10%	Int- Wind Cap	Leakage Ind.	Isolation Voltage	Ban- width	Volt- Time Prod.	Max Pulse Current
VTX-110-004	1:1	A	3	3	0.8	1.1	20pF	19uH	2.8KVac	3kHz ~ 1MHz	200V uS	200mA
VTX-111-004	1:1	A	3	3	0.8	1.1						
VTX-110-006	1:1+1	B	3	3 + 3	1.32	1.1+1.54	30pF	8uH				
VTX-111-006	1:1+1	B	3	3 + 3	1.32	1.1+1.54						
VTX-110-008	2:1+1	B	12	3 + 3	3.36	1.4 + 2.0	26pF	30uH				
VTX-111-008	2:1+1	B	12	3 + 3	3.36	1.4 + 2.0						
VTX-110-010	2:1	A	12	3	2.32	1.45	19pF	115uH				
VTX-111-010	2:1	A	12	3	2.32	1.45						
VTX-110-014	1:4	A	3	50	1.85	5.6	22.5pF	370uH				
VTX-111-014	1:4	A	3	50	1.85	5.6						
VTX-110-041	4:1	A	50	3	5.6	1.85	22.5pF	370uH				
VTX-111-041	4:1	A	50	3	5.6	1.85						
VTX-111-800	100:1	A	6	-	0.7	0.1	6pF	-				
VTX-110-047	2:1	E	12	3	2.3	1.1	5.0pF	73uH	3.2KVac			
VTX-111-042	1:1	E	3	3	0.8	0.8	5.0pF	85uH	5KVac			
VTX-111-045	2:1	E	1.5	0.4	0.44	0.2	5.0pF	85uH				
VTX-111-047	2:1	E	12	3	2.3	1.1	5.0pF	73uH				

Part No	Ratio	Fig.	Ind. Pri (mH) Min	Ind. Sec (mH) Min	Pri DCR Ω $\pm$ 10%	Sec DCR Ω $\pm$ 10%	Int- Wind Cap	Leakage Ind.	Isolation Voltage	Ban- width	Volt- Time Prod.	Max Pulse Current
VTX-111-021	1ct:1	C	1	1	0.4	0.45	20pF	19uH	2.8KVac	3kHz ~ 1MHz	200V uS	200mA
VTX-111-022	1ct:1	C	2	2	0.75	0.9	20pF	19uH	2.8KVac			
VTX-111-023	1ct:1	C	3	3	1.10	1.32	20pF	19uH	2.8KVac			
VTX-111-024	1.2ct:1ct	D	8.5	6	2.5	2.5	22.5pF	30uH	2.8KVac			
VTX-111-025	1ct:1ct	D	1	1	0.4	0.45	20pF	19uH	2.8KVac			
VTX-111-026	1ct:1ct	D	2	2	0.75	0.9	20pF	19uH	2.8KVac			
VTX-111-027	1ct:1ct	D	3	3	1.10	1.32	20pF	19uH	2.8KVac			

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