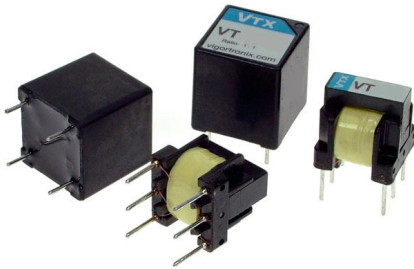


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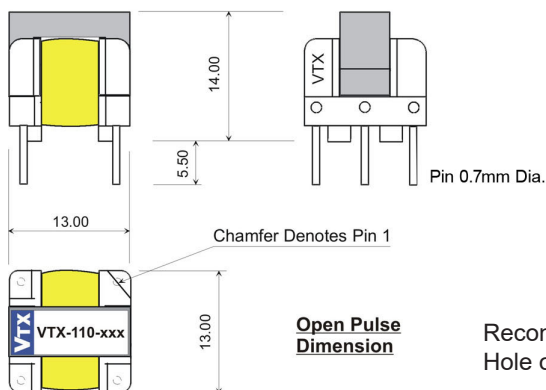
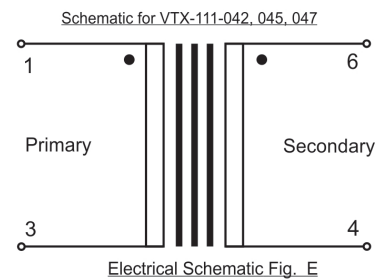
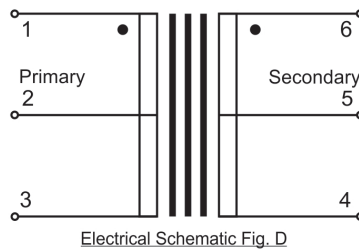
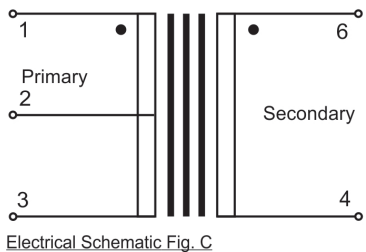
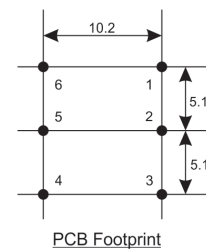
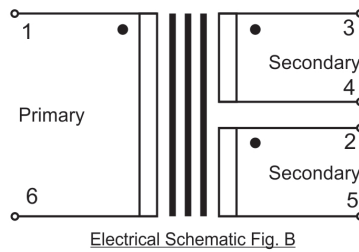
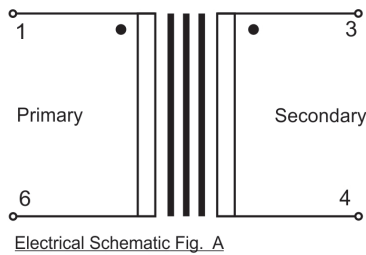
- Open or Encapsulated PCB mounting
- Designed for Wide band and General Pulse applications.
- Ideal for Triac and Thyristor Control Systems.
- Max Pulse Current 200mA (Peak)
- UL94-V0 rated materials.
- RoHS Compliant



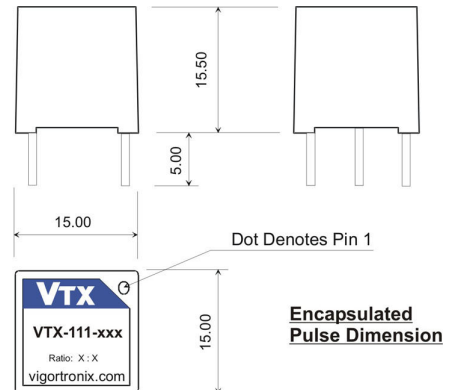
Description

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.

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 +/- 10%	Sec DCR Ω +/- 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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