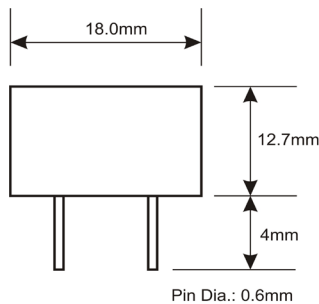
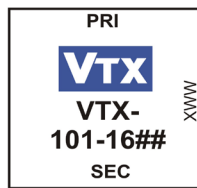


## Features:

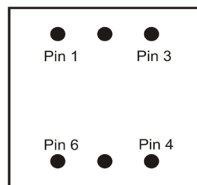
- High Quality Minature Audio Transformers
- Low Distortion
- Encapsulated PCB mounting
- Various winding ratios
- Impedance matching
- UL94-V0 rated materials
- RoHS Compliant
- Custom variations



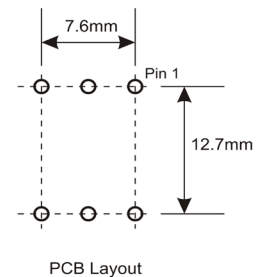
**Dimensions:**  
 Height : 12.7mm  
 Width : 18.0mm  
 Length : 18.0mm  
 Weight : 0.015kg



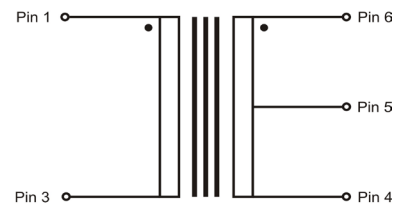
**X:** Year Code  
**WW:** Week of Manufacture



Pin View (Bottom)



PCB Layout



Electrical Schematic VTX-101-16##

Part No	Ratio	Imp. Pri Z (Ω)	Imp. Sec Z (Ω)	Imp. Pri Series Z (Ω)	Imp. Sec Series Z (Ω)	Pri DCR Ω +/-10%	Sec DCR Ω +/-10%	Freq. Range	Isolation Voltage
VTX-101-1601	1CT : 1 CT	600 CT	600 CT			33+35	32+34	60~ 25KHz	1.5KVac
VTX-101-1602	1 : 1	600	600			68	68	60~ 25KHz	
VTX-101-1603	1 : 2 CT	600	2.4K CT			70	200	60~ 25KHz	
VTX-101-1604	1 : 1 CT	600	600 CT			68	32+34	60~ 25KHz	
VTX-101-1605	1 : 2 CT	200	800 CT			50	120	30~ 25KHz	
VTX-101-1606	1 : 1 CT	800	800 CT			105	134	60~ 25KHz	
VTX-101-1607	1: 6.3 CT	600	10K CT			70	230+250	30~ 25KHz	
VTX-101-1608	1 CT : 1 CT	10K CT	10K CT			225+225	225+225	30 ~ 25KHz	
VTX-101-1609	1 : 1 CT	10K	10K CT			450	225+225	30 ~ 25KHz	
VTX-101-1617	4.07 : 1	10K	600			254	21.5	60~ 25KHz	1200V
VTX-101-1634	1+1 : 2	150+150	600	600	600	31	33	60~ 25KHz	500V
VTX-101-1654	1:2	150	600			18	70	60-25KHz	4.2KVac
VTX-101-1655	1:4.3	8	150			1	25	200- 20KHz	1.5KVac

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

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Vigortronix is a trading name of Vigortronix (UK) Limited

## Performance parameters for Part VTX-101-1604

Part No	VTX-101-1604			Unit
Suitable for modem speed up to:	V.34			-----
Reflects 600 ohms at PRI with R load =	600			ohms
D.C. Resistance, +/-15%,PRI	109			ohms
D.C. Resistance, +/-15%,SEC	134			ohms
Frequency Response, 30 to 25KHz	+/-0.5			dB
Insertion Loss at 2kHz,(ref 600Ω Load),max.	1.5 Max			dB
Return Loss vs.600 ohms at 100~4kHz	15 Min			dB
Dielectric Test PRI-SEC (50Hz)	1500 Min			V rms
Direct Current PRI, maximum	none			mA DC
Turns Ratio (PRI:SEC),+/-2%	1:1			-----
Longitudinal Balance, 200 to 4000 Hz,min.	90			dB
Total Harmonic Distortion, 75Hz ,10dBm T.H.D                   30Hz to 11kHz at 0dBm.	<1% <1%			dBm
Saturation	10Vrms (65V Peak)			V rms
Operating temperature range:	-20°C to + 70°C			°C
Storage temperature range:	-40°C to +125°C			°C

Note: Recommended maximum 100uA DC current.