

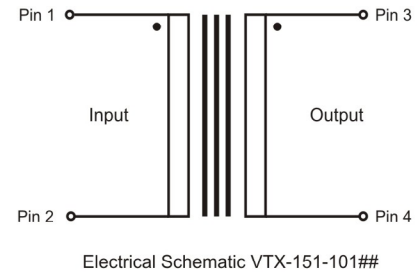
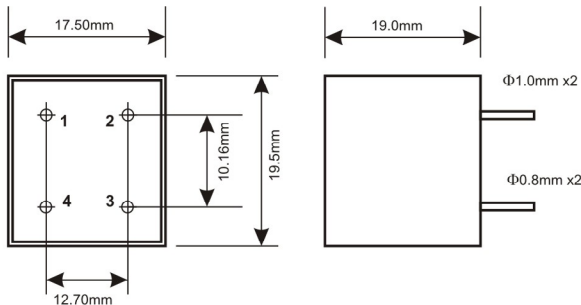


Features:

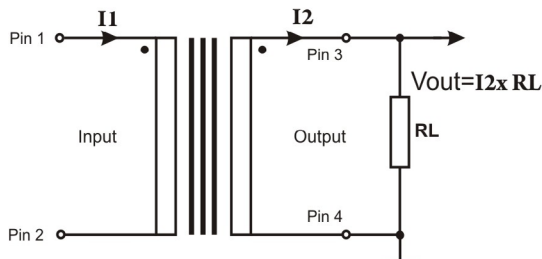
- PCB Minature Precision Current Transformer
- Built-in Busbar
- Range of Operational Frequency 20Hz ~ 20kHz
- Isolation Voltage: 2000Vac
- Various Winding Ratios
- Materials UL94-V0
- Insulation Rating Class F (155°C)



Schematic/ Dimensions



Method 1



Example:

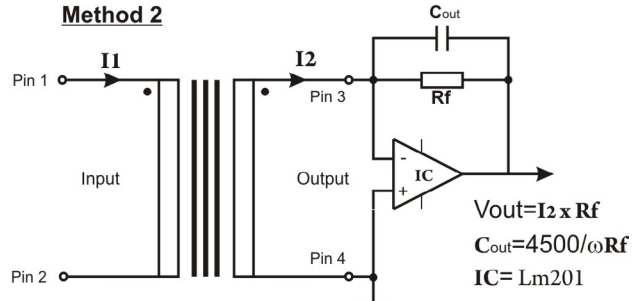
Input: $I_1 = 160\text{mA}$

$R_L = 250\ \Omega$

$I_2 = 4\text{mA}$

$V_{out}: (I_2 \times R_L) = 1.0\text{V}$

Method 2



Dimensions:

Pin Dia : 1.0/0.8mm

Width : 17.5mm

Length : 19.5mm

Height : 19.0mm

Weight : 0.013kg

Selection Guide

Part Number	Sampled Input Current	Sampled Output Current	Sampled Resistor R_L	Sampled Voltage ($R_L \times I$)	Phase Shift	Dielectric strength	Input Current Max
Method 1							
VTX-151-1016	5A	2.5mA	400 Ω	1.0V	<21	> 2000Vac	10A
VTX-151-1017	5A	5mA	100 Ω	0.5V	<31	> 2000Vac	10A
Method 2							
VTX-151-1016	5A	2.5mA	Rated sampling Voltage is typically 1/2 of IC power Supply.		<5	> 2000Vac	10A
VTX-151-1017	5A	5mA			<5	> 2000Vac	10A

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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