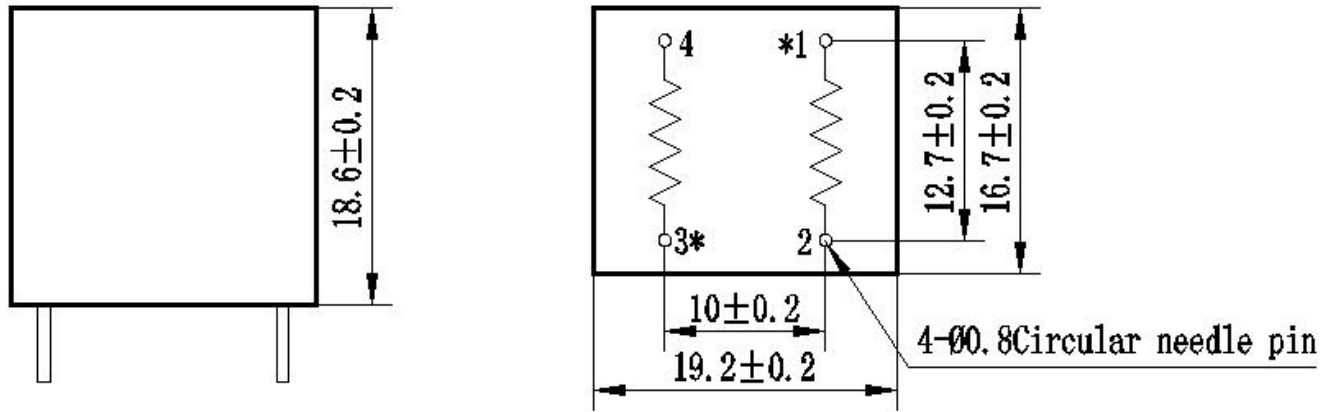


ZMPT101B

Current-type Voltage Transformer

Small size, high accuracy, good consistency, for voltage and power measurement

Structural parameters:



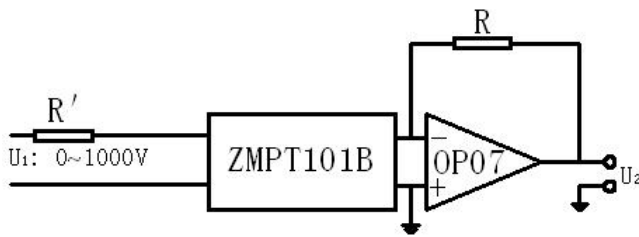
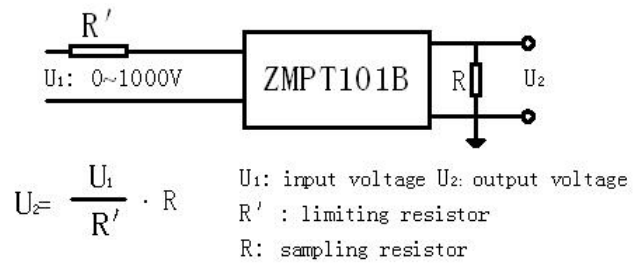
Remarks: primary input: 1、2 pins secondary output: 3、4pins
Or
primary input:: 3、4 pins secondary output::1、2pins
“*” Same polarity

Front view

Bottom view

The main technical parameters:

Model	ZMPT101B	
Rated input current	2mA	
Rated output current	2mA	
turns ratio	1000:1000	
phase angle error	$\leq 20'$ (input 2mA, sampling resistor 100 Ω)	
operating range	0~1000V	0~10mA (sampling resistor 100Ω)
linearity	$\leq 0.2\%$ (20%~120%)	
Permissible error	$-0.3\% \leq f \leq +0.2\%$ (input 2mA, sampling resistor 100 Ω)	
isolation voltage	4000V	
application	voltage and power measurement	
Encapsulation	Epoxy	
installation	PCB mounting (Pin Length>3mm)	
Operating temperature	$-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$	
Case Material	ABS (Note: ABS CASE is NOT available for wave-soldering)	

Direction for use:**Figure I****Figure II**

1. The typical usage of the product is for the active output (Figure I). R' is a limiting resistor , R is a sampling resistor.
2. The product can be directly through the resistance sampling , easy to use (Figure II).