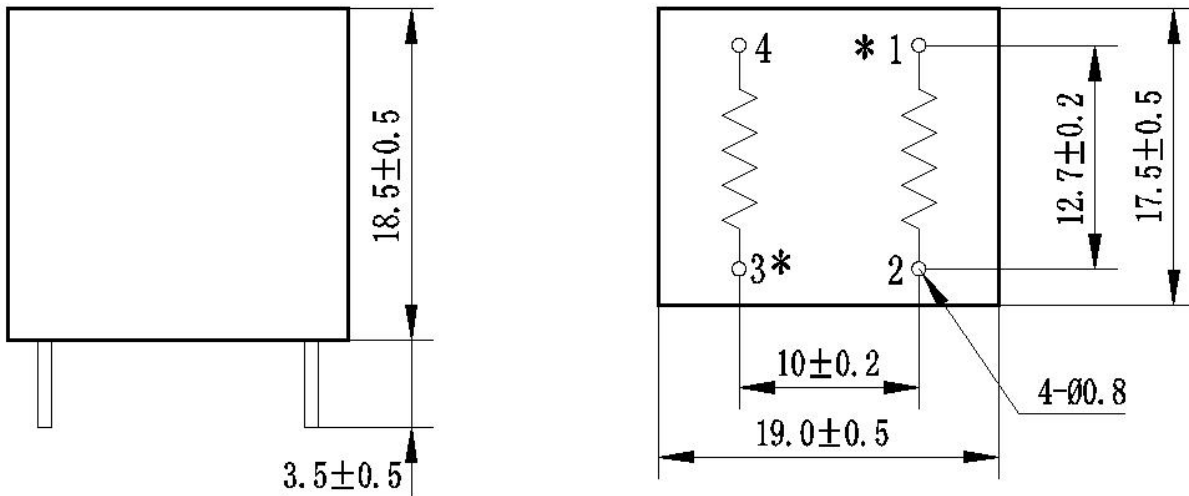


# ZMPT101K

## Current-type Voltage Transformer

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

### Structural parameters:



"\*"Same Polarity

Remarks: primary input: 1、 2 pins secondary output: 3、 4pins

Or

primary input:: 3、 4 pins secondary output::1、 2pins

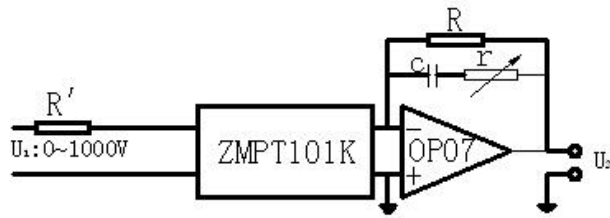
Front view

Bottom view

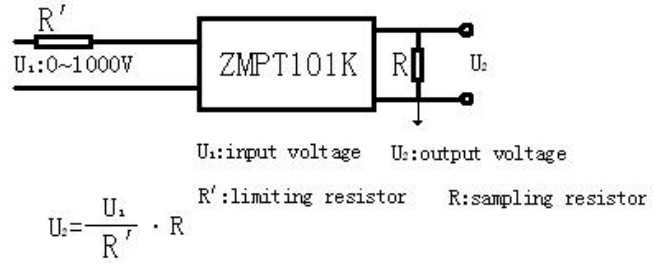
### The main technical parameters:

Model	ZMPT101K
Rated input current	2mA
Rated output current	2mA
turns ratio	1000:1000
phase angle error	$\leq 20'$ (input 2mA, sampling resistor 100 $\Omega$ )
linear range	0~1000V 0~10mA (sampling resistor 100 $\Omega$ )
linearity	$\leq 0.2\%$ (20%dot~120%dot)
Permissible error	$-0.3\% \leq f \leq +0.2\%$ (input 2mA, sampling resistor 100 $\Omega$ )
isolation voltage	4000V
application	voltage and power measurement
Encapsulation	Epoxy
installation	PCB mounting (Pin Length>3mm)
Operating temperature	-40 $^{\circ}\text{C}$ ~+85 $^{\circ}\text{C}$

**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 ).