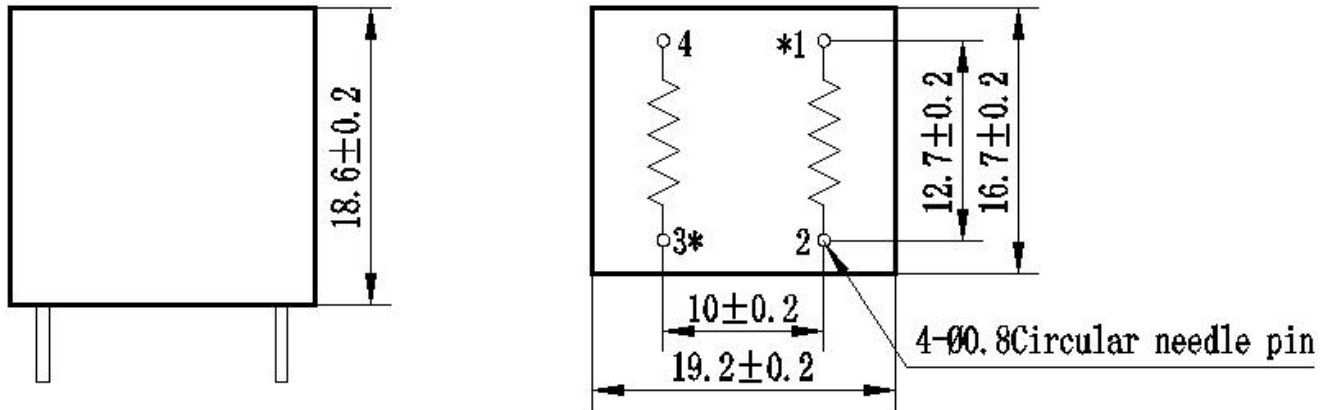


ZMPT101L

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	ZMPT101L
Rated input current	2mA
Rated output current	2mA
turns ratio	1000:1000
phase error	≤15' (input 2mA, sampling resistor 250Ω)
Phase Error Non-linearity	10' (20%~100%)
operating range	0~1000V 0~8mA (sampling resistor 250Ω)
Ratio Error Non-linearity	≤0.1% (20%~100%)
Permissible error	-0.3% ≤ f ≤ +0.1% (input 2mA, sampling resistor 250Ω)
Isolation voltage	4000V
application	voltage and power measurement
Encapsulation	Epoxy
installation	PCB mounting (Pin Length>3mm)
Operating temperature	-40°C~+85°C
Material of the plastic casing	PBT

Direction for use:

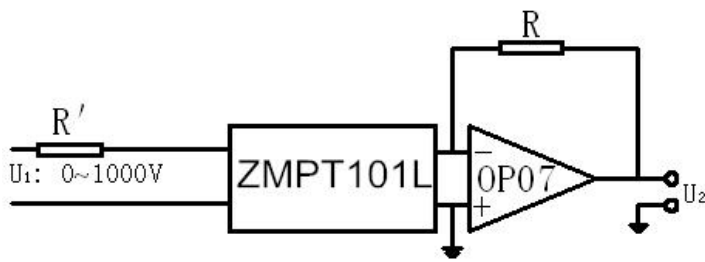
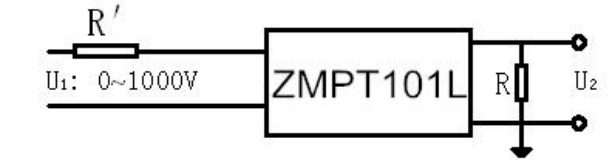


Figure I



$$U_2 = \frac{U_1}{R'} \cdot R$$

U₁: input voltage U₂: output voltage
 R' : limiting resistor
 R: sampling resistor

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).