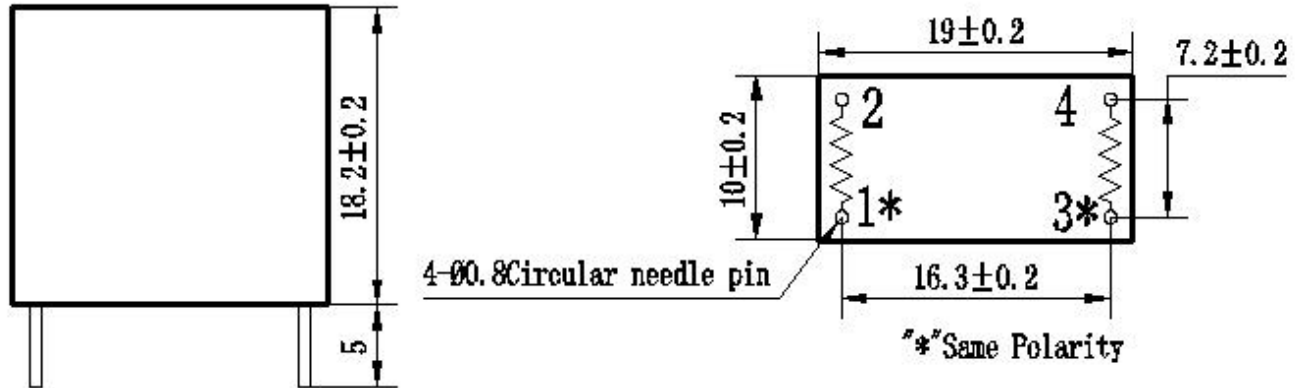# ZMPT107
Current-type Voltage transformer

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

Front view   **Bottom view**

The main technical parameters：

Model	ZMPT107
Rated input current	2mA
Rated output current	2mA
turns ratio	1000:1000
phase angle error	≤45′（input 2mA，sampling resistor 50Ω）
linear range	0~1000V 0~10mA（sampling resistor 50Ω）
linearity	≤0.2%（20%dot~120%dot）
Permissible error	-0.6%≤f≤0%（input 2mA，sampling resistor 50Ω）
isolation voltage	3000V
application	voltage and power measurement
Encapsulation	Epoxy
installation	PCB mounting（Pin Length>3mm）
operating temperature	-40℃~+60℃
Case Material	**ABS (Note: ABS CASE is NOT available for wave soldering)**

Direction for use：

Figure Ⅰ   Figure Ⅱ

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

U_1: input voltage U_2: output voltage

R' : limiting resistor

R: sampling resistor
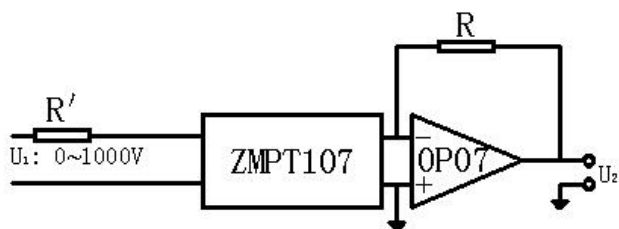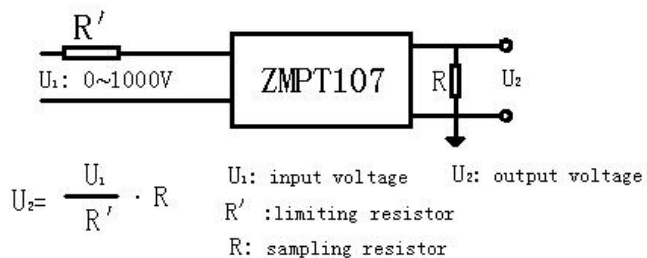
1. The typical usage of the product is for the active output (Figure Ⅰ). R′ is a limiting resistor，R is a sampling resistor.

2. The product can be directly through the resistance sampling , easy to use (Figure Ⅱ).