



EN: This Datasheet/Document is presented by the manufacturer.

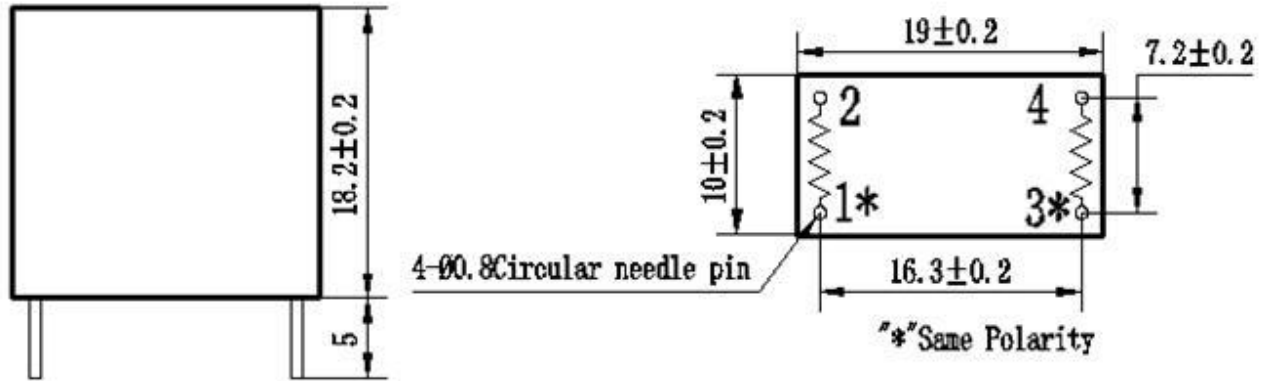
Please visit our website for pricing and availability at www.hestore.hu.

ZMPT107-1

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	ZMPT107-1	
Rated input current	2mA	
Rated output current	2mA	
Turns ratio	1000:1000	
Phase angle error	$\leq 45'$ (input 2mA, sampling resistor 50Ω)	
Linear range	0~1000V	0~10mA (sampling resistor 50Ω)
Linearity	$\leq 0.2\%$ (20% dot~120% dot)	
Permissible error	$-0.6\% \leq f \leq 0\%$ (input 2mA, sampling resistor 50Ω)	
Isolation voltage	3000V (AC)	
Application	voltage and power measurement	
Encapsulation	Epoxy	
Installation	PCB mounting (Pin Length>3mm)	
Operating temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Cae Material	PBT (Note: PBT case is available for wave soldering)	

Direction for use:

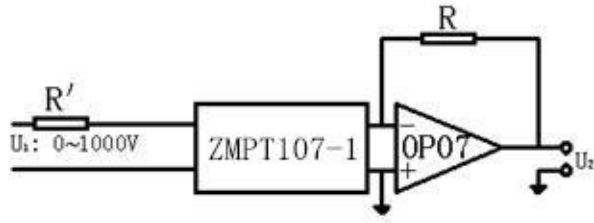


Figure I

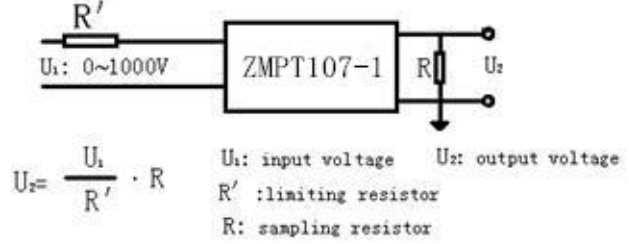


Figure II

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).