



DATA SHEET

Ultra-micro Current Transformer

PN: CMPT107

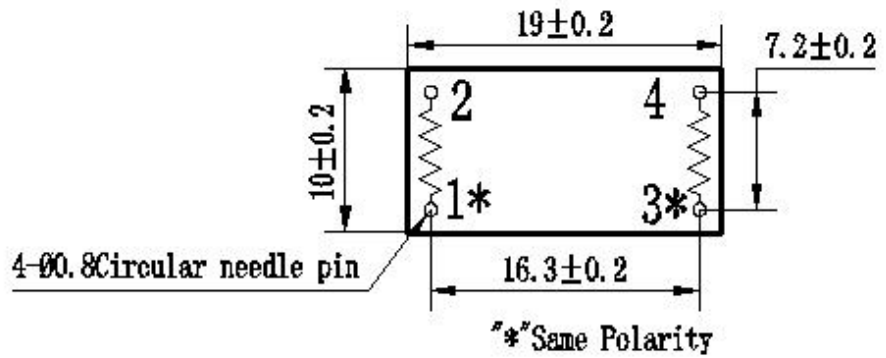
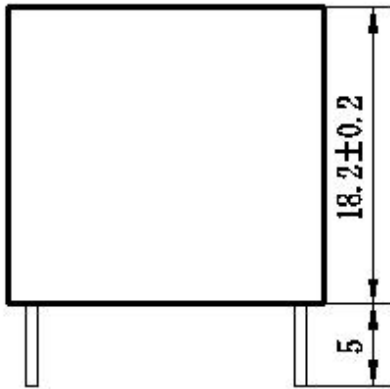
IPN=2mA

Feature & Applications

- Small size
- High accuracy
- Good consistency.
- Used for voltage and power measurement



Structural Parameter:



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

Front View

Left View

The Main Technical Parameters:

Model	CMPT107
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°C~+85°C

Direction For Use:

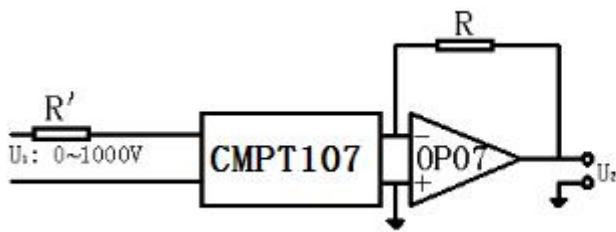


Figure I

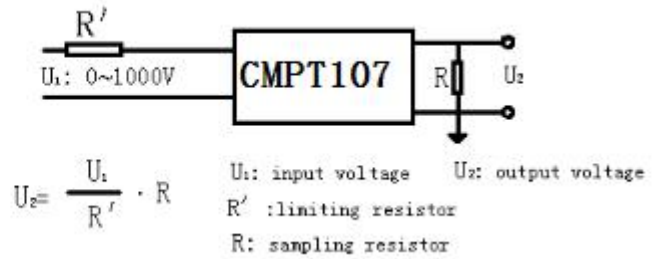


Figure II

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).

