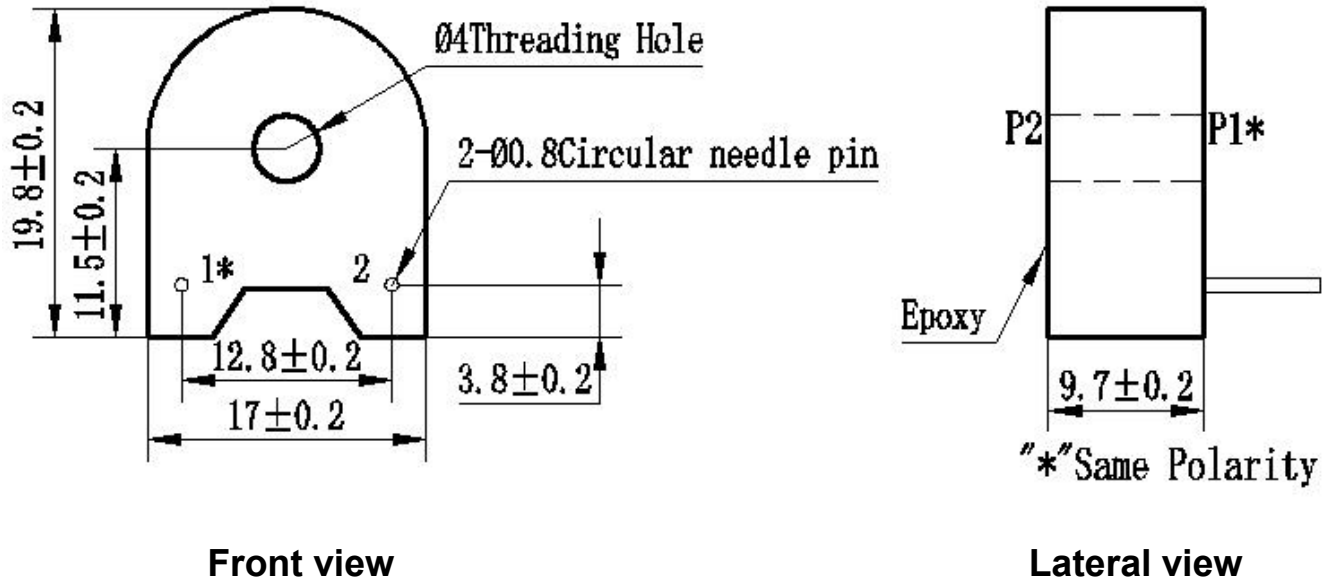


ZMCT104A Current Transformer

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

Structural parameters:



The main technical parameters:

model	ZMCT104A
input current	0~10A (sampling resistor 50Ω)
Rated output current	5mA at input 5A
turns ratio	1000:1
phase angle error	≤30' (input 5A, sampling resistor 50Ω)
linear range	0~10A (sampling resistor 50Ω)
linearity	≤0.2% (5%dot~120%dot)
Permissible error	-0.5%≤f≤+0.5% (input 5A, sampling resistor 50Ω)
isolation voltage	4500V
application	measurement of current and power
Encapsulation	Epoxy
installation	PCB mounting (Pin Length>3mm)
operating temperature	-40℃~+85℃

Direction for use:

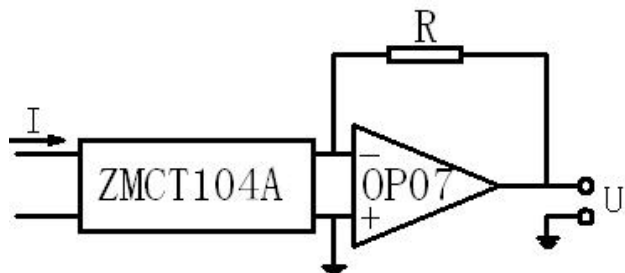


Figure I



$$U = \frac{I}{1000} \cdot R$$

I: input current
 R: sampling resistor
 U: sampling voltage

Figure II

1. The typical usage of the product is for the active output (Figure I). R is a sampling resistor.
2. The product can be directly through the resistance sampling, easy to use (Figure II).