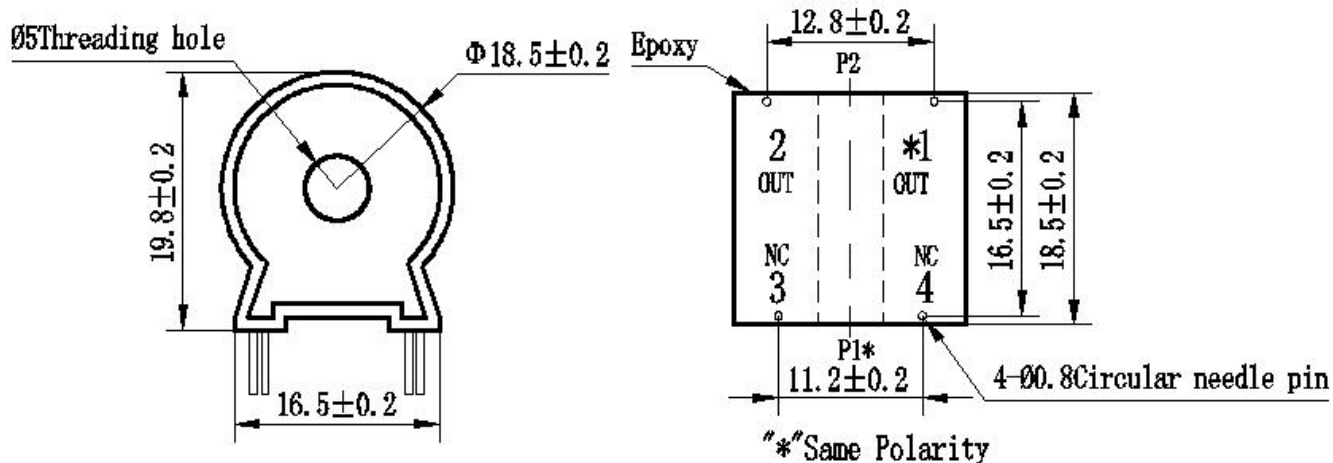


ZMCT101D current transformer

Small size, high accuracy, food consistency, For accurate current and power measurement

Structural parameter:



Front view

Bottom view

1、2pin: secondary output, 3、4pin: empty pin

The main technical parameters:

Model	ZMCT101D
input current	0~30A (sampling resistor 100Ω)
Rated output current	2.5mA at Input 5A
turns ratio	2000:1
phase angle error	≤10' (input 5A, sampling resistor 100Ω)
Accuracy	0.2
linearity	≤0.1% (5%dot and 120%dot)
Permissible error	-0.2%≤f≤+0.2% (input 5A, sampling resistor 100Ω)
isolation voltage	4500V
application	accurate current and power measurement
Encapsulation	Epoxy
installation	PCB mounting (Pin length>3mm)
operating temperature	-40℃~+70℃

Direction for use:

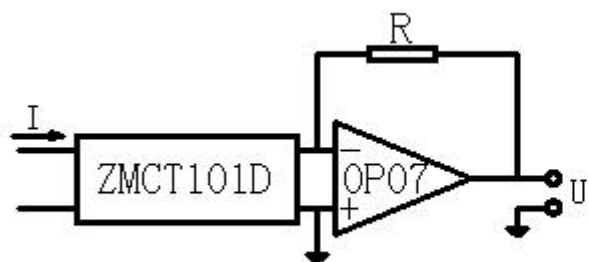


Figure I



$$U = \frac{I}{2000} \cdot R$$

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

Figure II

1. ZMCT101D used for the measurement, the typical usage is shown in Figure I and Figure II.
2. Empty pin can not be grounded.