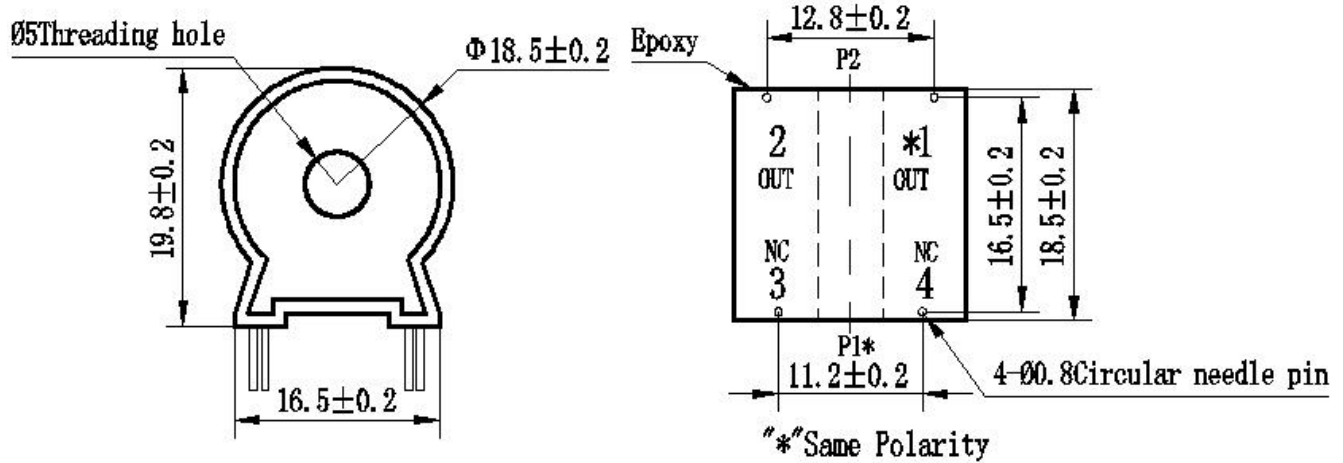


ZMCT101B current transformer

Small Size, wide linear range, mainly for power automation protection sampling

Structural parameter:



Front view

Bottom view

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

The main technical parameters:

Model	ZMCT101B
input current	0~100A (sampling resistor 20Ω)
Rated output current	2.5mA at input 5A
turns ratio	2000:1
phase angle error	≤60' (Input 5A, sampling resistor 20Ω)
Accuracy	0.5
linearity	≤0.3% (5%dot and 120%dot)
Permissible error	-0.5%≤f≤+0.5% (Input 5A, sampling resistor 20Ω)
isolation voltage	4500V
application	power automation protection sampling
Encapsulation	Epoxy
installation	PCB mounting (Pin length>3mm)
operating temperature	-40℃~+70℃

The wiring diagram of the typical usage:



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

I: input current

R: sampling resistor

V: sampling voltage

1. ZMCT101B used for protection, typical usage as shown.
2. Empty pin can not be grounded.