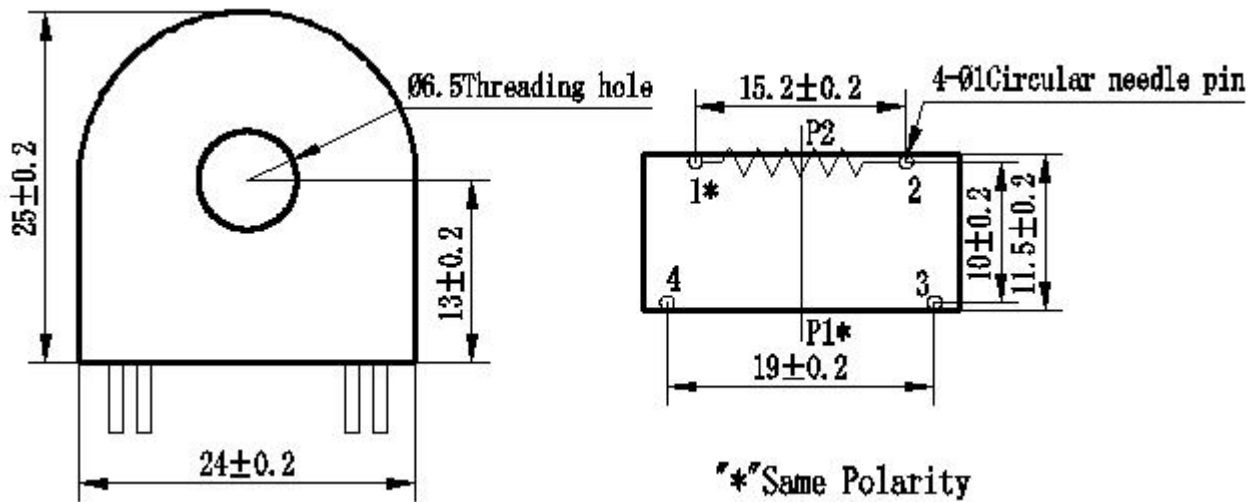


ZMCT116C Current Transformer

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

Structural parameters:



Remarks: Primary input: straight- through type(make the measured circuit be through the hole)
Secondary output: 1、2pin empty pins: 3、4pin

Front view

Bottom view

The main technical parameters:

Model	ZMCT116C
input current	0~40A (sampling resistor 50Ω)
Rated output current	2.5mA at input 5A
turns ratio	2000:1
phase angle error	≤20' (input 1A, sampling resistor 50Ω)
current range	0~40A (sampling resistor 50Ω)
linearity	0.2% (5%~120%)
Permissible error	-0.2%≤f≤+0.2% (input 1A, sampling resistor 50Ω)
isolation voltage	4500V
application	current and power measurement
Encapsulation	Epoxy
installation	PCB mounting (Pin Length>3mm)
operating temperature	-40℃~+85℃

Direction for use

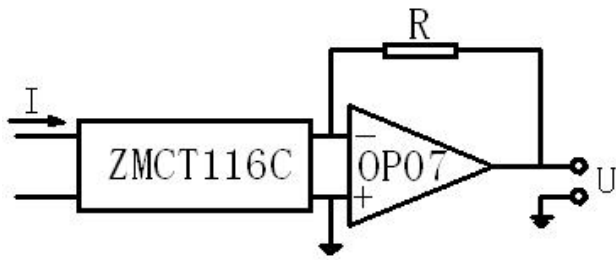
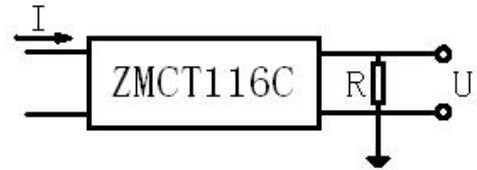


Figure I



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

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

Figure II

1. ZMCT116C used for measurement. Typical usage is shown in Figure 1 and Figure 2. R is a sampling resistor.
2. Empty pin can not be grounded.