

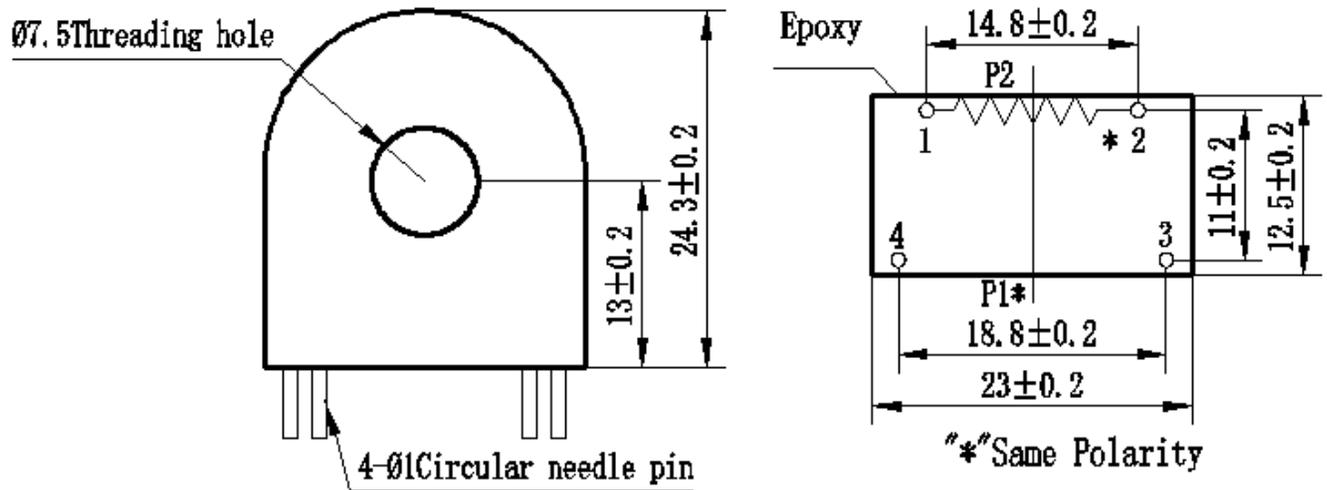
Product Description

ZMCT118A Current Transformer

Features and applications:

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

Structural parameters:



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

Front view

Bottom view

The main technical parameters:

model	ZMCT118A
Rated input current	5A
Rated output current	2.5mA
turns ratio	2000:1
phase angle error	≤15'(input 5A, sampling resistor 50Ω)
linear range	0~40A(sampling resistor 50Ω)
linearity	≤0.1%(5%dot~120%dot)
Permissible error	-0.2%≤f≤+0.2%(input 5A, sampling resistor 50Ω)
isolation voltage	4500V
application	Current and power measurement

Encapsulation Epoxy
 installation PCB mounting(Pin length>3mm)
 operating temperature -40°C~+85°C

Direction for use:

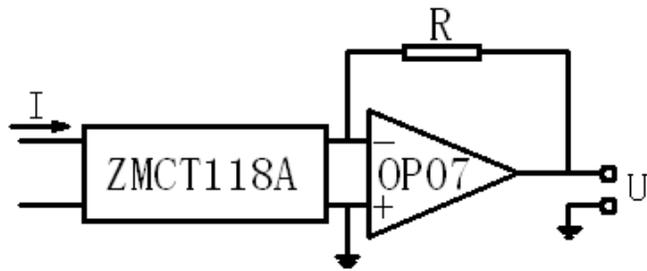


Figure I



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

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

FigureII

1. ZMCT118A 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.