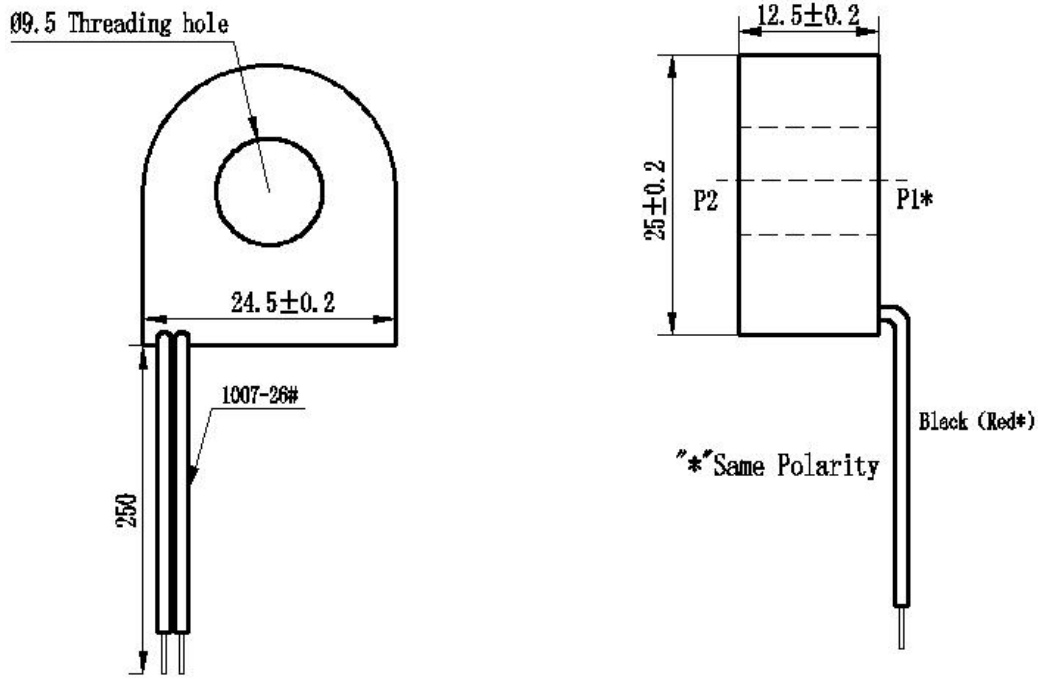


ZMCT123A Current Transformer

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

Structural parameters:



Front view

Left View

The main technical parameters:

Model	ZMCT123A
input current	0~80A (sampling resistor 50Ω)
Rated output current	2.5mA at input 5A
turns ratio	2000:1
phase angle error (rated input)	≤60' (input 10A, sampling resistor 50Ω)
linear range	0~80A (sampling resistor 50Ω)
linearity	≤0.2% (5%dot~120%dot)
Accuracy class	-0.5% ≤ f ≤ +0.5% (input 10A, sampling resistor 50Ω)
isolation voltage	4500V
application	measurement or protection
Encapsulation	Epoxy
installation	Output leads installation (conventional lead length shown in drawing)
operating temperature	-40℃ ~ +85℃

Direction for use:

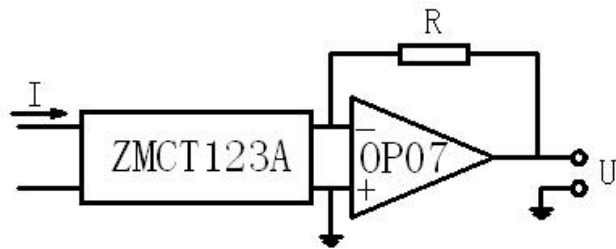


Figure I



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

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

Figure II

1. 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).