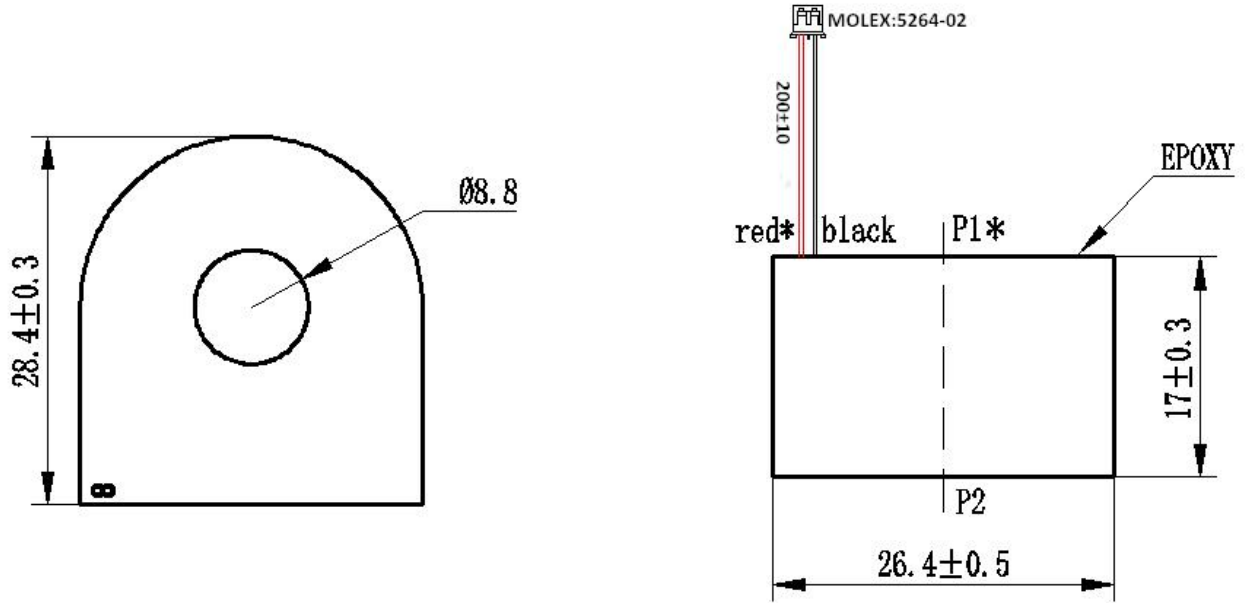# ZMCT124H   Current transformer

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

Structural parameter:

Front view   **Bottom view**

The main technical parameters：

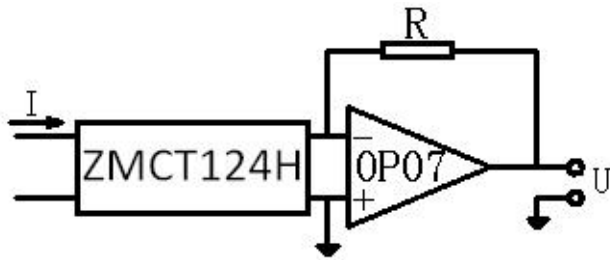| Model	ZMCT124H
input current	0~60A(10Ω)
Rated output current	5mA at input 5A
Turns ratio	1000:1
phase angle error （Rated input）	≤30′（input 5A, sampling resistor 10Ω)
Accuracy class	0.2
linearity	≤0.2%(5%dot~120dot of 5A)
Permissible error	-0.2%≤f≤+0.2% (input 5A, sampling resistor 10Ω)
Isolation voltage	4500V
Application	measurement　or　protection
Encapsulation	Epoxy
Installation	PCB mounting (Pin length>3mm)
operating temperature	-40℃~+85℃

Direction for use:

Figure Ⅰ   Figure Ⅱ
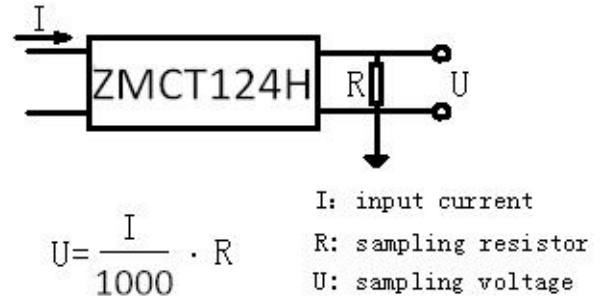
1. The typical usage of the product is for the active output (Figure Ⅰ). R is a sampling resistor. C & R is for phase compensation.
2. The product can be directly through the resistance sampling, easy to use (FigureⅡ).

$$U = \frac{I}{1000} \cdot R$$

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