ZEMCT132 Current Transformer
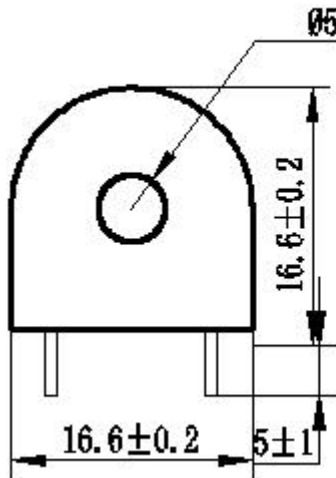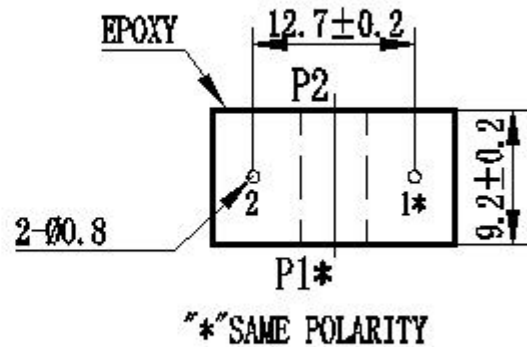
Small size, high accuracy, good consistency, for current and power measurement

Structural parameter:

Front view   **Bottom view**

The main technical parameter：

Model	ZEMCT132
primary current	0~10A（50Ω）
secondary current	5mA at input 5A
turns ratio	1000:1
phase angle error	≤15′ (input 5A, sampling resistor 50Ω）
Accuracy class	0.2
linearity	≤0.2%（5%dot~120%dot）
Permissible error	-0.2%≤f≤+0.2% (input 5A, sampling resistor50Ω）
isolation voltage	4500V
application	Precise measurement of current and power
Encapsulation	Epoxy
installation	PCB mounting
operating temperature	-40℃~+85℃

Direction for use:

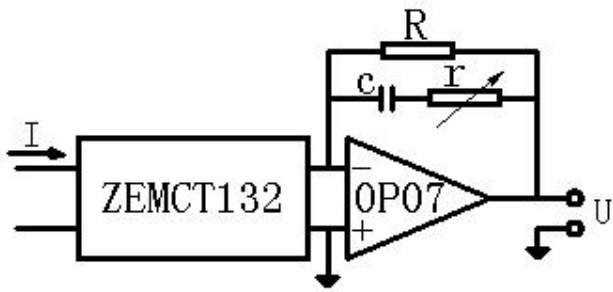Figure Ⅰ   Figure Ⅱ

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

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

1. The typical usage of the product is for the active output (Figure Ⅰ). R is a sampling resistor, c and r is used for phase compensation.
2. The product can be directly through the resistance sampling, easy to use (Figure Ⅱ).
3. The instructions are for reference only, specific parameter is subject to specifications (acknowledgment).