ZMCT187 current transformer
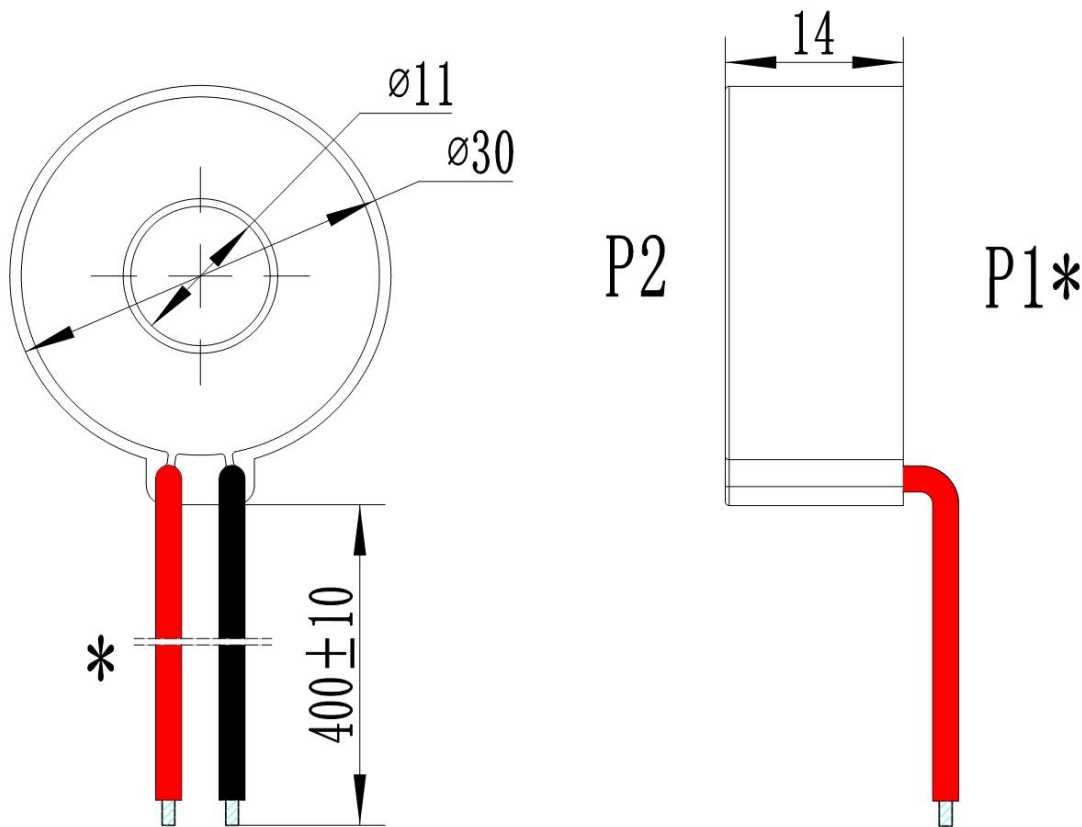
Small size，high accuracy，good consistency，for current and power measurement

1. Structural parameters：

ø11
ø30

400±10

*

Secondary line：UL1007   26AWG

Front view

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P2   P1*

*Same polarity

Bottom view

2. Main technical parameters：

Model	ZMCT187
Input current	0-120A （10Ω）
Rated output current	4mA at input 10A
Turns ratio	2500:1
Phase angle error	≤20'（Input 10A，sampling resistor 10Ω）
Accuracy class	0.5
Permissible error	-0.5%≤ f ≤+0.5%（Input 10A，sampling resistor10Ω）
Isolation voltage	3000V
Usage	Precise measurement of current and power
Encapsulation	Epoxy
Installation	Output lead mounting（The lead length of the drawing is the regular length）
Operating temperature	-40℃~+85℃

3. Direction for use：

$$U= \frac{I}{2500} \cdot R$$

I:Input current
R:Sampling resistor
U:Sampling voltage
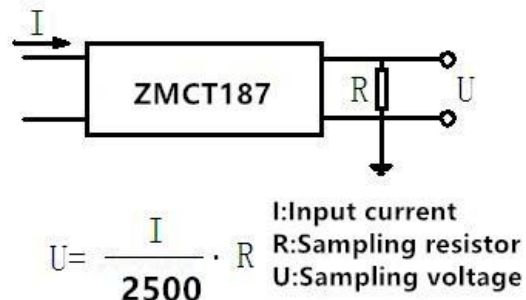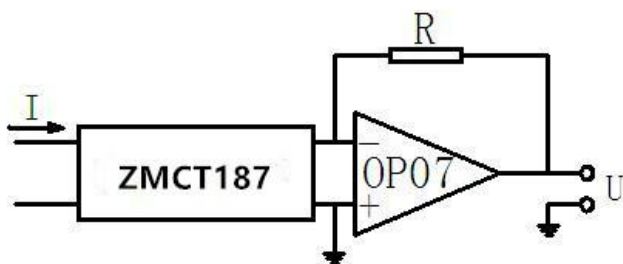
1、1. The typical usage of ZMCT187 is the active output (Figure 1). R is the sampling resistor.

2、2, the product can be directly sampled through the resistor, easy to use (Figure 2).