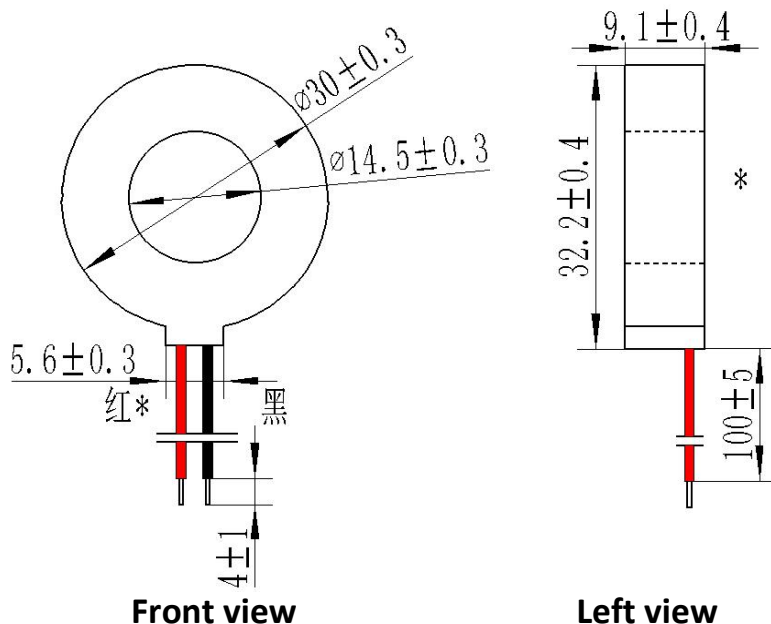


ZMCT360H-1 Current Transformer

high accuracy, good consistency, for current measurement

Structural parameters:



Unit: mm

Leading wires: UL1007-26#, Red & Black

“*” means “same polarity”

The main technical parameters:

Model	ZMCT360H-1
input current	0-70A (sampling resistor 20Ω)
Rated output current	5mA at 5A
turns ratio	1000:1
phase angle error	≤20' (input 5A, sampling resistor 20Ω)
Accuracy	0.2
linearity	≤0.2% (5%dot~120%dot of 5A)
Permissible error	-0.2%≤f≤+0.2% (input 5A, sampling resistor 20Ω)
isolation voltage	4000V
application	Measurement of current and power
Encapsulation	Epoxy
operating temperature	-40℃~+85℃

Instruction:

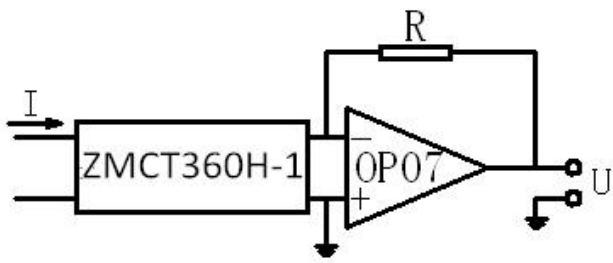
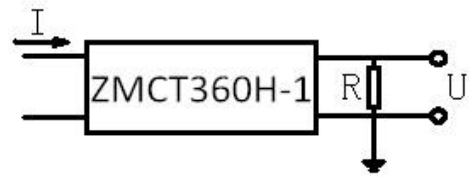


Figure I



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

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

Figure II

ZMCT360H-1 used for the measurement, the typical usage is shown in Figure I and Figure II. R is a sampling resistor.