

# ZMPT101B VOLTAGE TRANSFORMER

## Applications

- \* Sensing Overload Current
- \* Ground fault detection
- \* Metering
- \* Analog to Digital Circuits

### Electrical Specification

Primary Current	2mA
Secondary Current	2mA
Turns Ratio	1000:1000
Phase Angle Error	$\leq 20'$ (50 $\Omega$ )
Current Range	0 ~ 3mA
Linearity	0.1%
Accuracy Class	0.2
Rated Burden	$\leq 200 \Omega$
Frequency Range	50 ~ 60Hz
Dielectric Level	3000VAC/min
DC Resistance at 20°C	110 $\Omega$

### Mechanical Specification

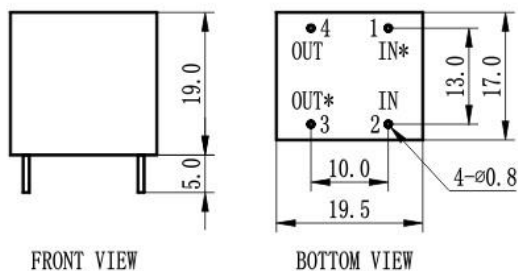
Cup	PBT
Encapsulant	Epoxy
Terminals	Pin $\phi 0.80\text{mm}$
Tolerance	$\pm 0.2 \text{ mm}$
Approx.Weight	13g
Case	Carton

### Environment Specification

Storage Temperature	-40°C ~ +130°C
Insulation Resistance	>100 M $\Omega$

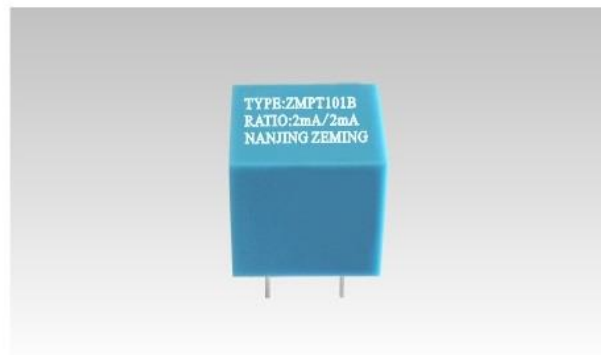
## Dimensions (mm)

Same Polarity \*



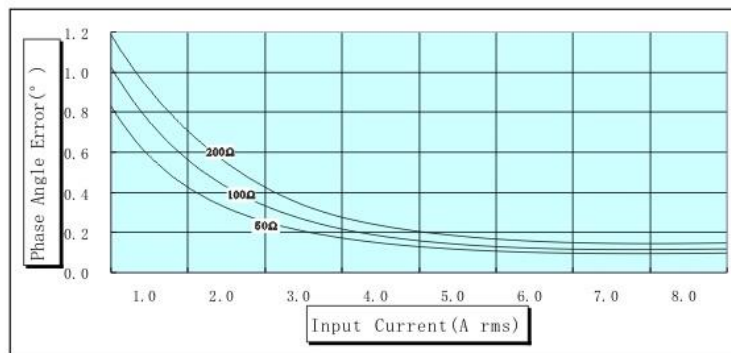
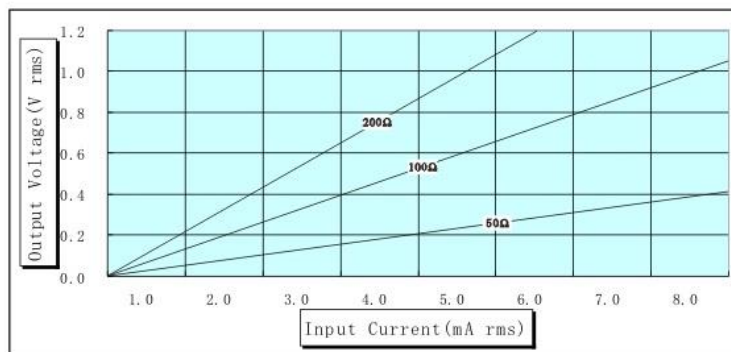
## Label

TYPE:ZMPT101B  
RATIO:2mA/2mA  
NANJING ZEMING



Product Illustration

## Output Characteristic



**Description:** Micro Precision Voltage Transformers, with low price, small size and easy PCB mounting, are mainly used in electrical energy meters, household electrical equipment, industrial apparatuses, electrical testing equipment and relay protection, widely acclaimed as well.