

# TA1030 Through core type precision current transformer

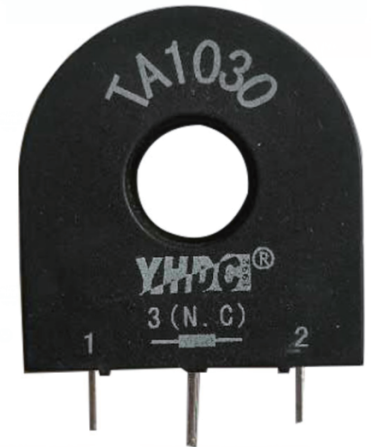


## Characteristics:

Epoxy resin encapsulated, mini outline size, fully enclosed. Beautiful appearance.

## Technical index:

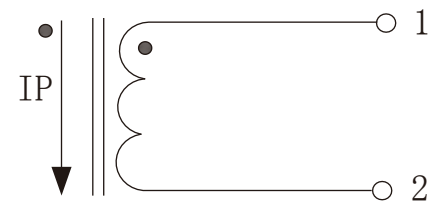
- Mounting type: PCB
- Material of the core: Nanocrystalline
- Flame resistance: UL94-V0
- Execution standard: GB20840-2014
- Operating temperature:  $-35^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage temperature:  $-45^{\circ}\text{C} \sim +95^{\circ}\text{C}$
- Frequency range: 20Hz-20KHz
- Dielectric strength:  $\geq 3.5\text{KV}$  50Hz 1min



**Electrical parameters:** ( The following parameters are typical values and actual values will be subject to product testing )

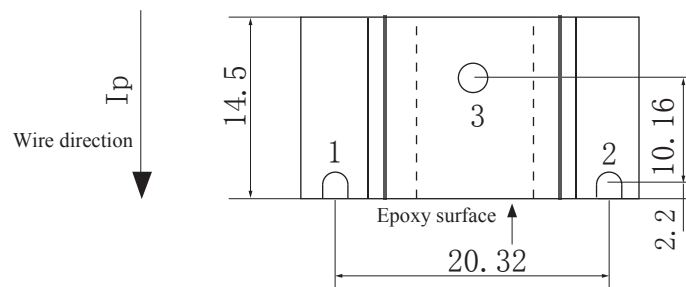
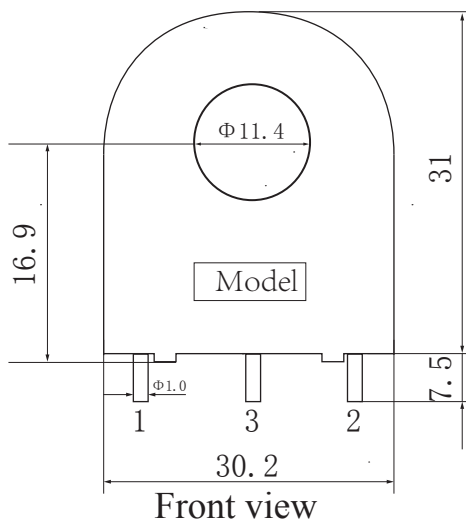
Model	TA030		Unit
Rated input	25	30	A
Rated output	25	30	mA
Turns ratio	1: 1000		
Linearity	$\leq 0.3$		%
Sampling resistance	100		$\Omega$
Weight	23		g

## Schematic diagram:



current output type.  
the secondary is not allowed to open.  
(pin 3 are null.)

## Dimensions ( in mm $\pm 0.5$ ) :



Bottom view