

# TA14W Through core type precision current transformer



## Characteristics:

Epoxy resin encapsulated, Nanocrystalline core, mini outline size, fully enclosed. Electrical load remote monitoring, as the input signal of electric control system, lack of phase indicating, electrical energy measuring, motor monitoring.

## Technical index:

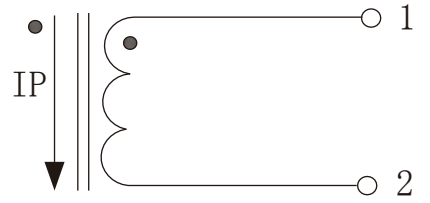
- Mounting type: PCB
- Material of the core: Nanocrystalline
- Flame resistance: UL94-V0
- Execution standard: GB20840-2014
- Operating temperature:  $-35^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage temperature:  $-45^{\circ}\text{C} \sim +95^{\circ}\text{C}$
- Frequency range: 20Hz-20KHz
- Dielectric 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	TA14W-100	TA14W-200	TA14W-300	TA14W-400	Unit
Rated input	5	10	15	20	A
Rated output	5	5	5	5	mA
Turns ratio	1: 1000	1: 2000	1: 3000	1: 4000	
Linearity	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	%
Sampling resistance	200	400	600	800	$\Omega$
Weight	21	21	21	21	g

## Schematic diagram:



current output type.  
the secondary is not allowed to open.

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

