

# TA14Z 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:

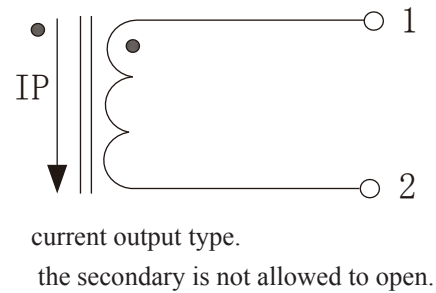
Mounting type: PCB  
 Material of the core: Nanocrystalline  
 Flame resistance: UL94-V0  
 Execution standard: GB20840-2014  
 Operating temperature:  $-35^{\circ}\text{C} \sim +85^{\circ}\text{C}$   
 Storage temperature:  $-45^{\circ}\text{C} \sim +95^{\circ}\text{C}$   
 Frequency range: 20Hz-20KHz  
 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	TA14Z-100	TA14Z-200	TA14Z-300	TA14Z-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:



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

