

# Mini current type voltage transformer



Model: TV16B

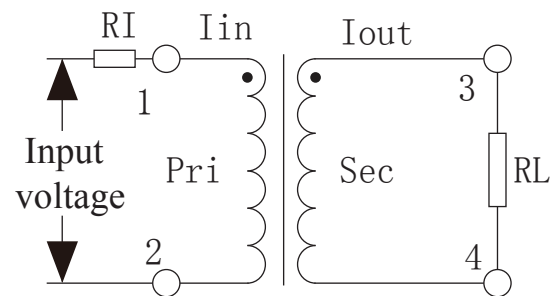
Characteristics: TV16B is current type voltage transformer, using ultracrystalline core. Primary current will be different according to different voltage working on the current-limiting resistance. And there will be a same current at secondary as primary.

## Technical index:

- Mounting type: PCB mounting
- Material of the core: Nanocrystalline
- Flame resistance: UL94-V0
- Complaint with: GB1208-2006
- Operating temperature:  $-35\text{ }^{\circ}\text{C} \sim +85\text{ }^{\circ}\text{C}$
- Storage temperature:  $-45\text{ }^{\circ}\text{C} \sim +95\text{ }^{\circ}\text{C}$
- Frequency range: 20Hz-20KHz
- Dielectric strength: 3.5KV 50Hz 1min



## Schematic diagram:

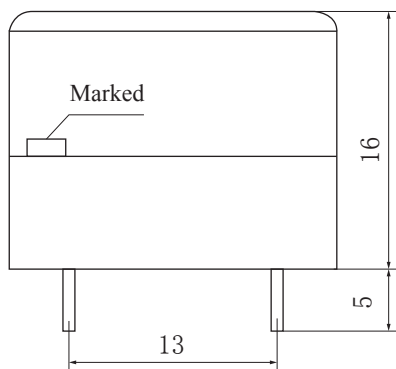


RI: Current limiting resistance  
RL: Sampling resistance

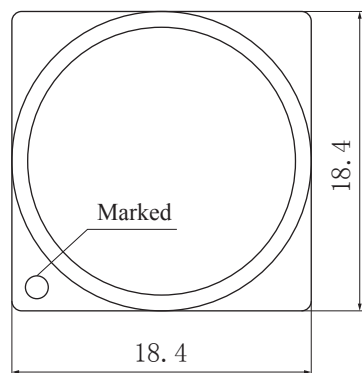
## Electrical parameters:

Rated input	2	mA
Rated output	2	mA
Turns	1000: 1000	
Linearity	0.2	%
Max. measuring voltage	250	V
Phase error(Reference)	$\leq 30'$	
Sampling resistance max	400	$\Omega$
Weight	10	g

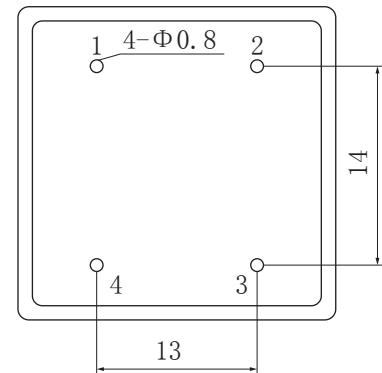
## Dimensions (in mm) :



Front view



Top View



Bottom view