

# TV16 Small current type voltage transformer



## Characteristics:

TV16 is current type voltage transformer, using nanocrystalline 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:

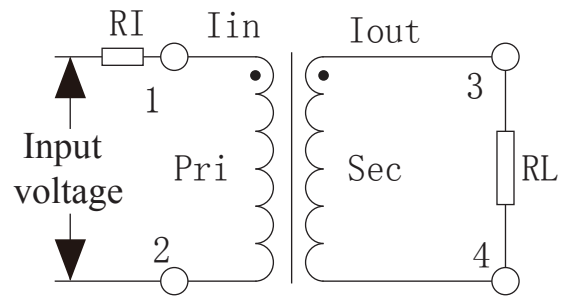
- Mounting type: PCB
- Material of core: Nanocrystalline
- Flame resistance: UL94-V0
- Applicable standards: GB1208-2006
- Operating temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage temperature:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Work frequency: 20Hz-20KHz
- Dielectric strength: 3.5KV 50Hz 1min



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

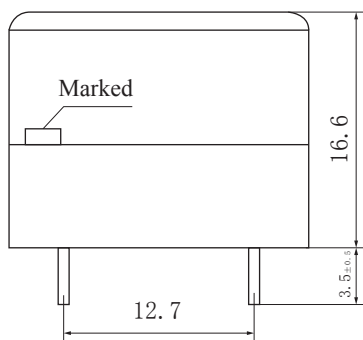
Rated input	2	mA
Rated output	2	mA
Turn ratio	1000: 1000	
Linearity	0.2	%
Max. measuring voltage	250	V
Phase shift (reference)	$\leq 30'$	
Sampling resistance max	400	$\Omega$
Weight	10	g

## Schematic diagram:

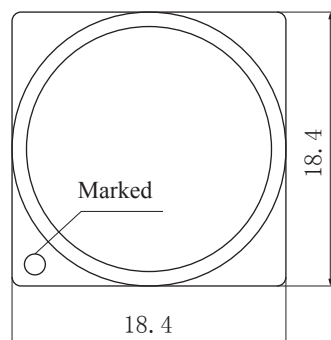


RI: Current limiting resistance  
RL: Sampling resistance

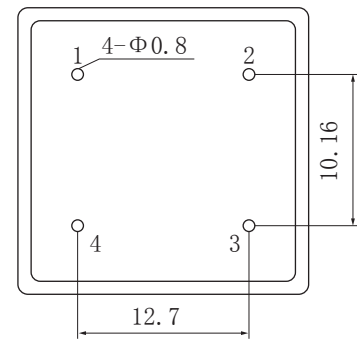
## Dimension (in mm $\pm 0.5$ ):



Front view



Top view



Bottom view