

TV16B small current type voltage transformer



Characteristics:

TV16B 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:

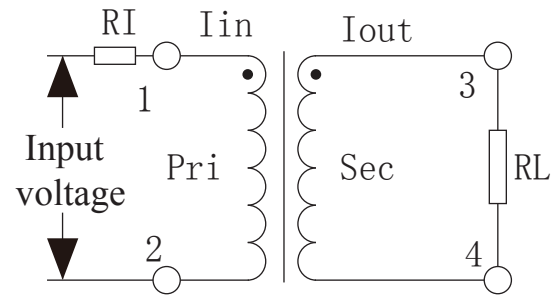
- Mounting type: PCB
- Material of core: Nanocrystalline
- Flame resistance: UL94-V0
- Applicable standards: GB1208-2006
- Operating temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Work frequency: 20Hz-20KHz
- Dielectric 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)	$\leq 30^{\circ}$	
Sampling resistance max	400	Ω
Weight	10	g

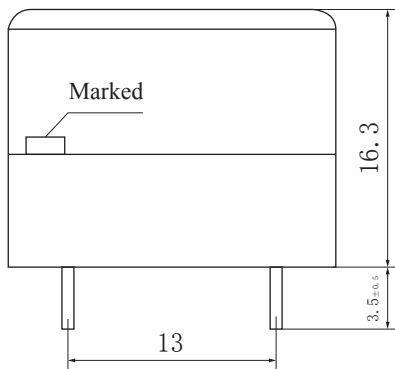
Schematic diagram:



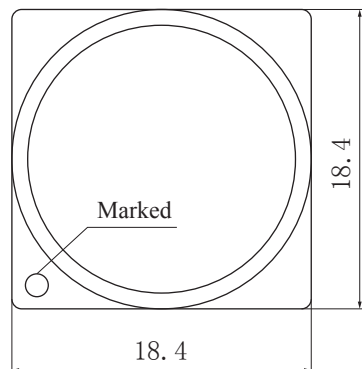
RI:Current limiting resistance

RL:Sampling resistance

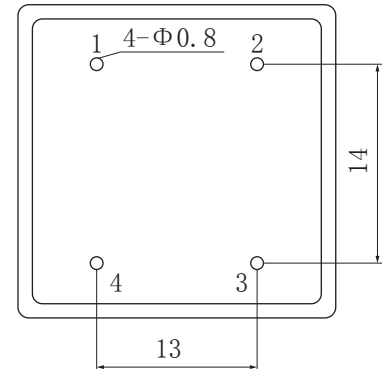
Dimension (in mm ± 0.5):



Front view



Top view



Bottom view