

TA1020 Through core type precision current transformer



Characteristics:

Epoxy resin encapsulated, mini outline size,
fully enclosed, beautiful appearance.

Technical index:

Mounting type: PCB

Material of the core: Nanocrystalline

Flame resistance: UL94-V0

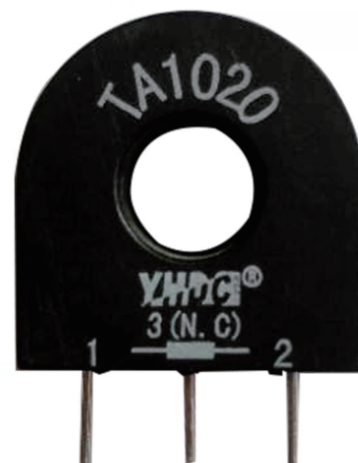
Execution standard: GB20840-2014

Operating temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Storage temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Frequency range: 20Hz-20KHz

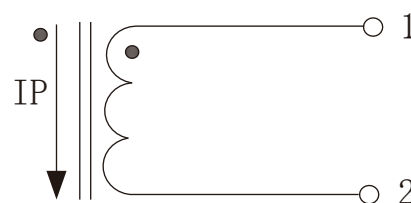
Dielectric strength: 3.5KV 50Hz 1min



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

Model	TA1020							Unit
Rated input	5	10	15	20	30	40	50	A
Rated output	5	10	15	20	30	40	50	mA
Turns ratio	1: 1000							
Linearity	≤ 0.3							%
Sampling resistance	50							Ω
Weight	11							g

Schematic diagram:

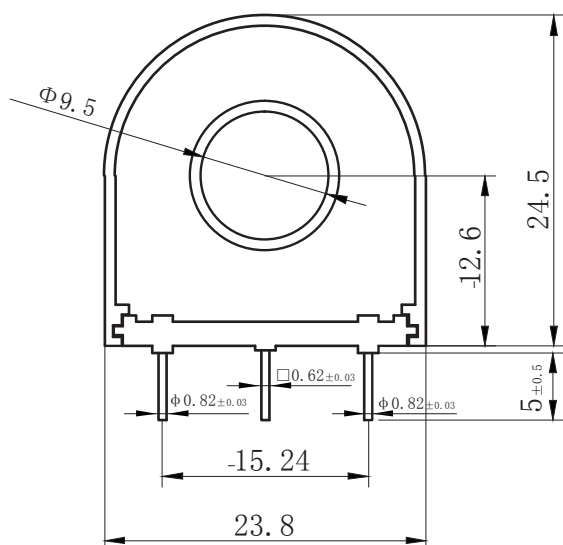


current output type

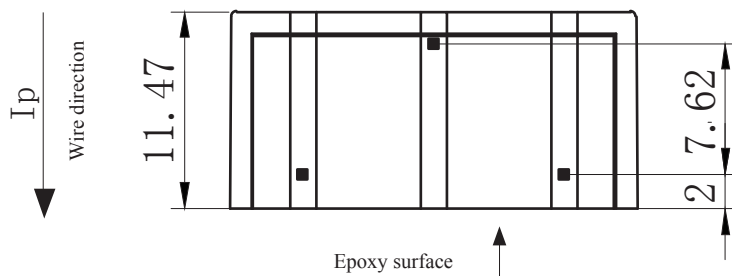
the secondary is not allowed to open circuit

(pin 3 are null.)

Dimensions (in mm ± 0.5):



Front view



Bottom view