

# TA2616E Primary core built-in type current transformer



## Characteristics:

Epoxy potting, permalloy core, small size, fully enclosed, electrical load remote monitoring, as the input signal of the electronic control system, phase loss indication, electricity measurement, motor running state monitoring.

## Technical index:

Mounting type: PCB

Material of the core: ultramicrystal

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: 3KV 50Hz 1min

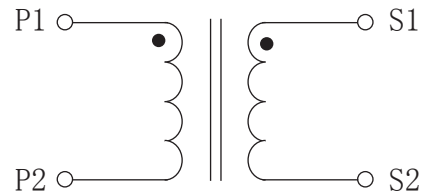
**Electrical parameters:** ( The following parameters are typical values and actual values will be subject to product testing )

Model	TA2616E-00	TA2616E-01	TA2616E-02	TA2616E-03	Unit
Rated input	2	5	10	20	A
Rated output	40	50	20	10	mA
Turns ratio	20: 1000	10: 1000	2: 1000	1: 2000	
Linearity	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	%
Sampling resistance	100	75	300	1000	$\Omega$
Weight	50				g

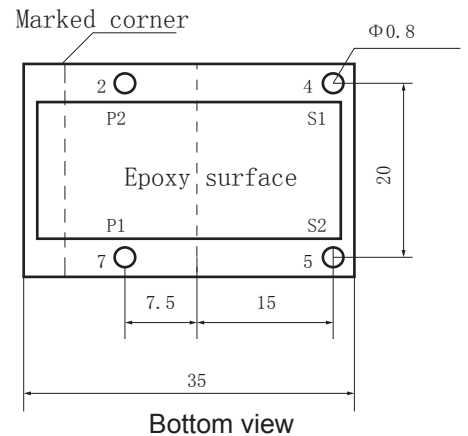
Product picture :(the printed words are for reference only, subject to the actual product)



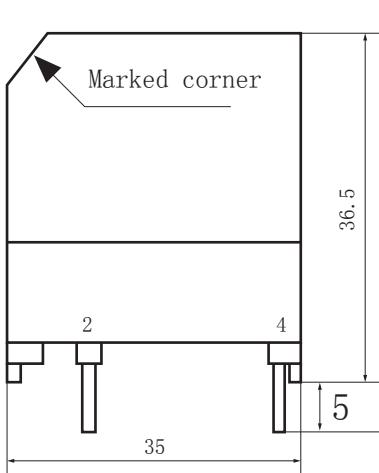
## Schematic diagram:



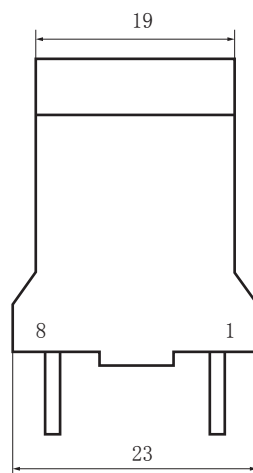
### TA2616E-00/TA2616E-01



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

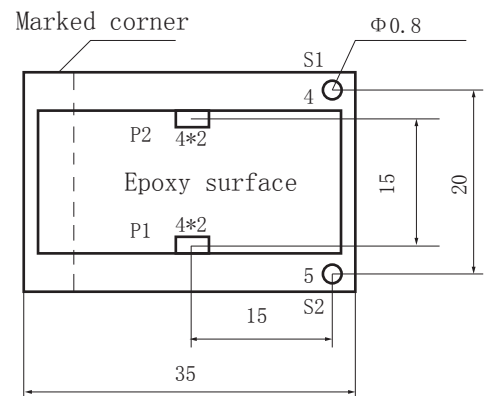


Front view



Side view

### TA2616E-02/TA2616E-03



Bottom view