

# TAK8348 Mini high frequency current transformer

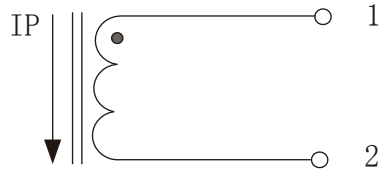
## Product features:

High frequency pulse current detection, switching power supply circuit protection.

## Technical index:

Mounting type: PCB  
 Material of the core: Ferrite  
 Flame resistance: UL94-V0  
 Execution standard: GB1208-2006  
 Operating temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$   
 Storage temperature:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$   
 Frequency range: 2KHz-500KHz  
 Dielectric strength: 3.5KV 50Hz 1min

## Schematic Diagram:



Current output type

3,4 empty pins

Subprime is not allowed to open



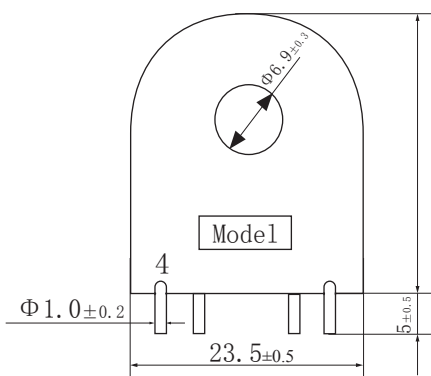
## Electrical parameters: ( The following parameters are typical values and actual values will be subject to product testing )

| Model               | TAK8348-005                           | TAK8348-01 | TAK8348-02 | TAK8348-03 | TAK8348-04 | TAK8348-05 | TAK8348-200 | unit     |
|---------------------|---------------------------------------|------------|------------|------------|------------|------------|-------------|----------|
| Rated input         | 25                                    | 30         | 40         | 50         | 50         | 50         | 50          | A        |
| Rated output        | 500                                   | 300        | 200        | 167        | 125        | 100        | 25          | mA       |
| Change ratio        | 1:50                                  | 1:100      | 1:200      | 1:300      | 1:400      | 1:500      | 1:2000      | turn     |
| Sampling resistance | Select according to the voltage value |            |            |            |            |            |             | $\Omega$ |
| Weight              | 30                                    |            |            |            |            |            |             | g        |

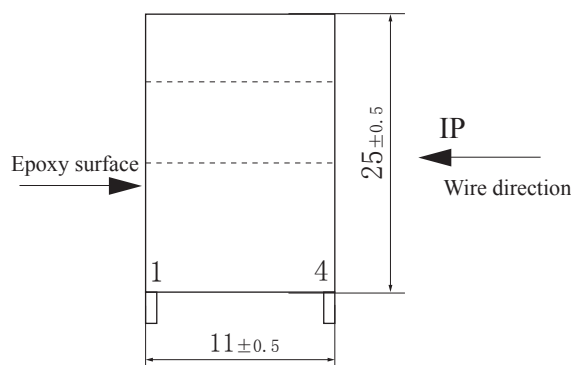
## The statement:

As our products have been continuously improved and updated, we reserve the right to modify the content of this specification at any time.

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



Front view



Side view

