

TAK8348 Mini high frequency current transformer



Characteristic:

Used for high frequency pulse current detection and 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

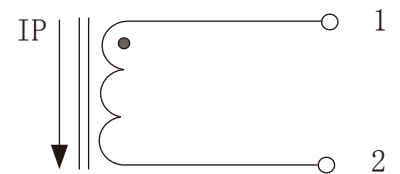
Dielectric strength: 3.5KV 50Hz 1min



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
Turns ratio	1:50	1:100	1:200	1:300	1:400	1:500	1:2000	turns
Sampling resistance	select according to the voltage value							Ω
Weight	30							g

Schematic diagram:

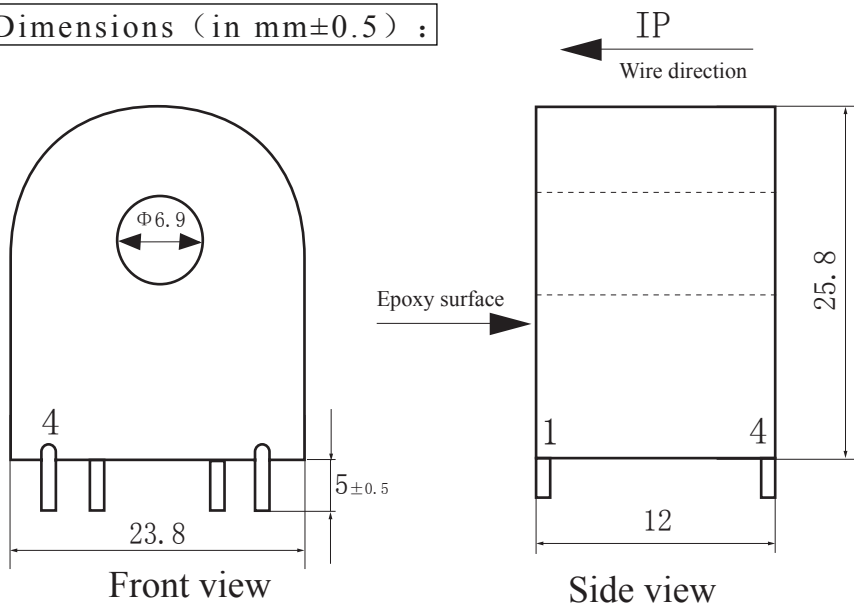


Current output type

3,4 empty pins

Secondary is not allowed to open circuit

Dimensions (in mm ± 0.5):



Pin	1, 2	3, 4
Specification	$\Phi 1.0$	$\square 0.7 \times 0.7$
Tolerance	± 0.05	± 0.05

