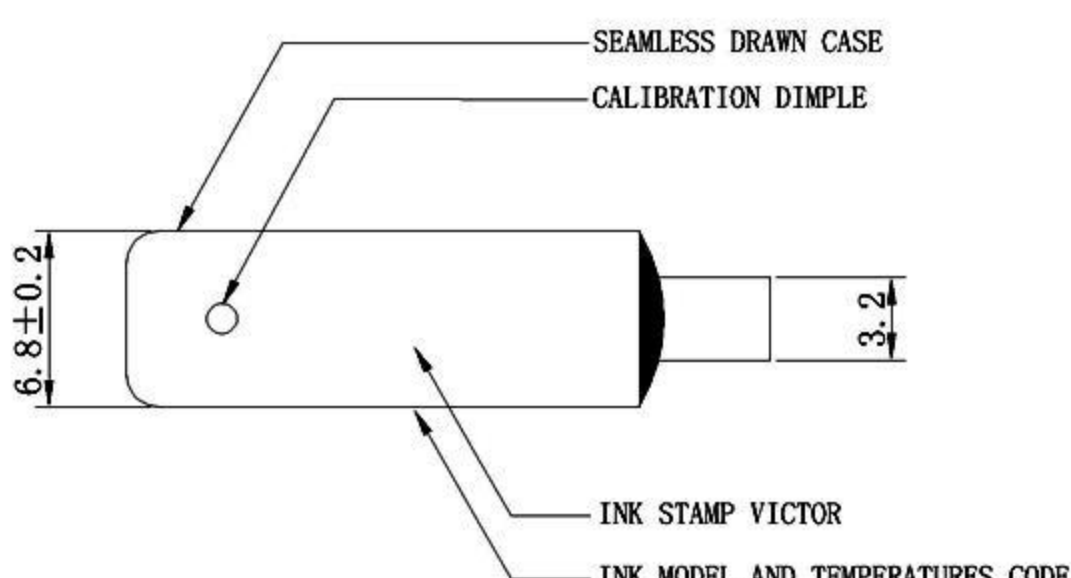


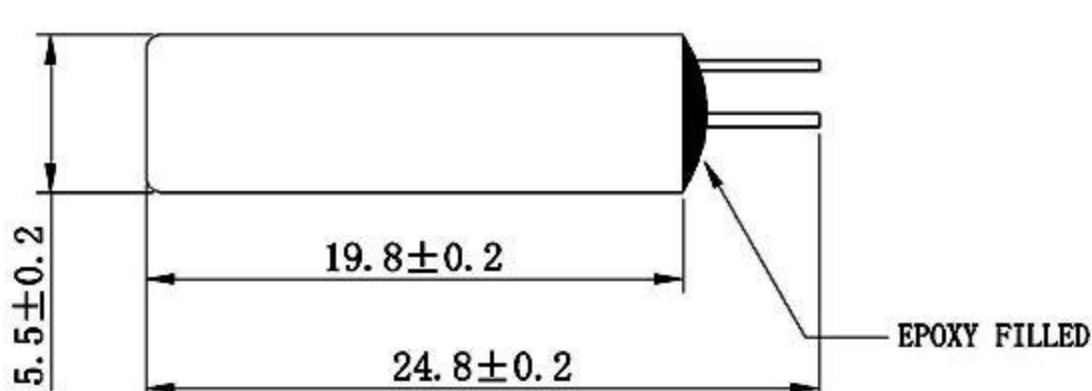


## MODEL VC1

### TOP VIEW



### SIDE VIEW



#### METRIC DIMENSIONS ARE IN MM

Model VC1 is type of thermostat/thermal protector consisted of bimetal construction. Low resistor circuit with gold diffused point device inside. It is suitable for household electrical appliance, dynamoelectric tool and battery that required thermal resistance protect.

#### Key Features :

- It can be switch turn on / off gradually in order to maintain a constant & stable temperature.
- Gold plated silver interface are especially designed for low voltage and low current equipment.
- Quality bimetal (with low resistance) can allow stable circuit current.
- Preset down the temperature range before delivery, can't be adjustable.
- The case of switch is conductive, can use different lead wire or nickel plate to connect insulating sleeve is available.
- Model VC1 (closing type) - Circuit will be opened when temperature goes up to certain pre-determined temperature.
- Model VC1-R (opening type) - Circuit will be closed when temperature goes up to certain pre-determined temperature.

#### Electrical Characteristics:

- AC 120V / 6 A
- DC 12V / 8 A

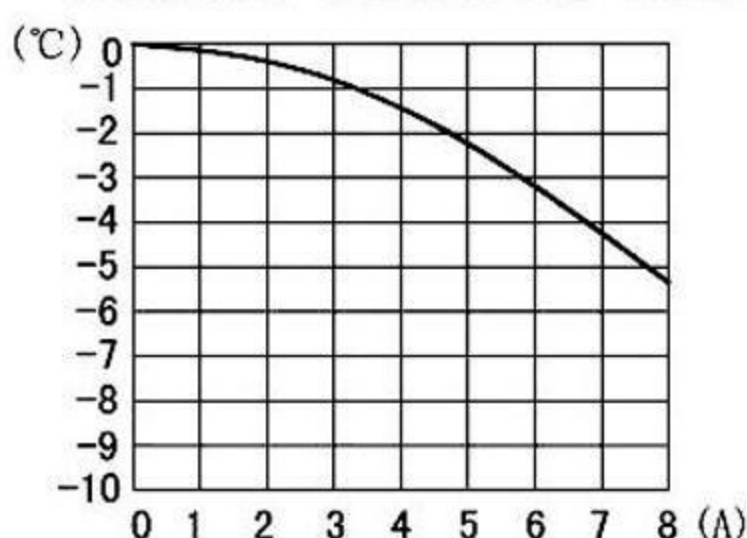
#### Temperature Range and Tolerance:

- Temperature range from 35°C to 150°C is available.
- Standard tolerance is  $\pm 5^\circ\text{C}$ . However, tolerance within  $\pm 3^\circ\text{C}$  and  $\pm 8^\circ\text{C}$  is also available upon request.

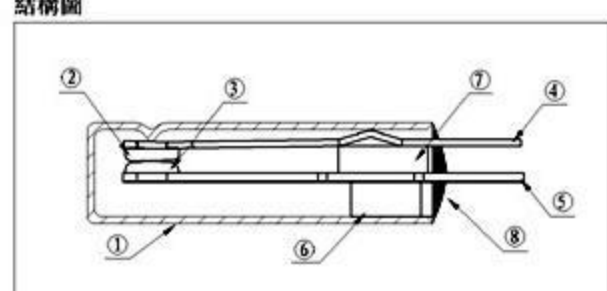
#### Approvals:

- UL and C-UL certification
- RoHS ( 2002/95/EC Directive ) correspondence

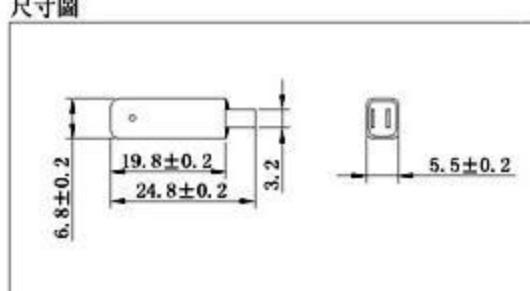
## CURRENT DERATING CURVE



結構圖



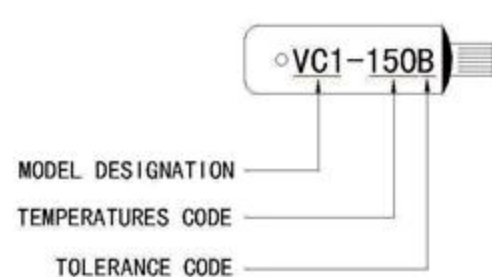
尺寸圖



#### CHART OF REFERENCE NUMBER OF ACTION TEMPERATURES

NO.	Off Temperature °C
035	35
040	40
045	45
050	50
055	55
060	60
065	65
070	70
075	75
080	80
085	85
090	90
095	95
100	100
105	105
110	110
115	115
120	120
125	125
130	130
135	135
140	140
145	145
150	150

#### PRODUCTS MARKINGS



#### Tolerance Code

A	$\pm 3^\circ\text{C}$
B	$\pm 5^\circ\text{C}$
C	$\pm 8^\circ\text{C}$