

Temperature controller

Structural characteristic: Advanced structure of pressure spring, highly sensitive snapback technology of bimetallic strip

Application scope: Electric equipment, electric product, household appliance, the protection of temperature control and thermal overload in circuit board.

Form of contact point: A set of normally closed contact or a set of normally open contact, 1D or 1H

Contact resistance: $\leq 50\text{m}\Omega$

Operation Life: 250V AC 2A 10000Times

Insulation resistance: $\geq 100\text{M}\Omega$

48V DC 1A 30000Times

Dielectrics voltage-resistance: $\geq 1500\text{V AC}$

5V DC 0.02A 100000Times

Ambient Temperature: $-40^{\circ}\text{C} \sim +145^{\circ}\text{C}$

Safety Certificate: UL CQC CB

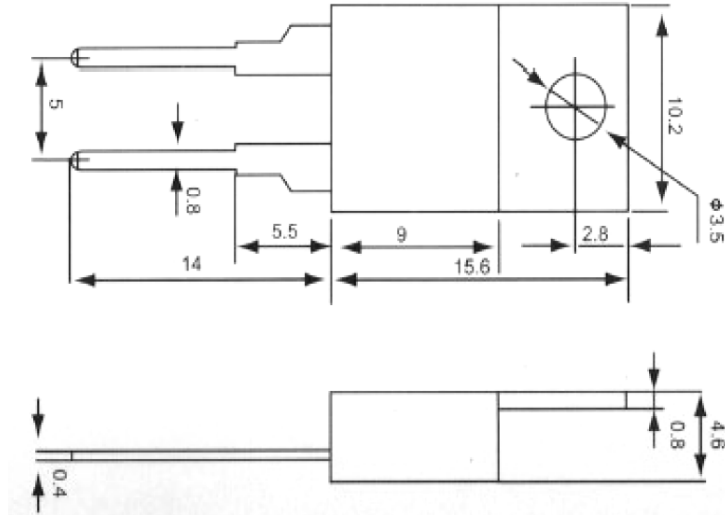
Weight: $< 1.8\text{g}$

Environmental Protection Certificate: RoHS

Specification

Operating temperature($^{\circ}\text{C}$)	Recovery temperature($^{\circ}\text{C}$) (lower than Operating temperature)	Margin of Error	Testing way(Speed of temperature rise and fall)
0~99	5~35	$\pm 5^{\circ}\text{C}$	1 $^{\circ}\text{C}$ / min
100~130	7~40	$\pm 5^{\circ}\text{C}$	

Contour Dimension



TEMPERATURE CONTROLLER SPECIFICATION

OPERATING & RECOVERY TEMPERATURE TABLE Unit: °C (Lower than room temperature)

<i>Operating temperature</i>	<i>Maximal recovery temperature</i>	<i>Higher than minimal operating temperature</i>
0	20	5
5	25	5
10	30	5
15	35	5

OPERATING & RECOVERY TEMPERATURE TABLE *Unit: °C* *(Room temperature)*

<i>Operating temperature</i>	<i>Minimal recovery temperature</i>	<i>Lower than minimal recovery temperature</i>
40	20	5
45	25	5
50	30	5
55	30	5
60	35	5
65	40	5
70	45	6
75	45	6
80	50	6
85	55	6
90	60	6
95	60	6
100	65	7
105	70	7
110	75	7
115	75	8
120	80	8
125	85	9
130	90	9