

NTC Glass Thermistor

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NTC GLASS THERMISTOR

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Application

- A fire detector
- Conversion power-supply, switch power, ups power.
- Electronic energy saving lamps, electronic ballast and all kinds of electric heater.
- All kinds of RT, display.
- Bulb and other lighting lamps.

Characteristics

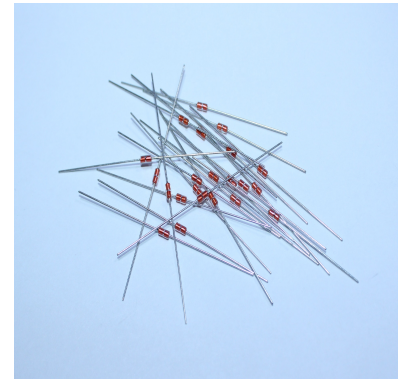
Reliable resistance, small size, fast detection in case of fire, range of uses
Various wires can be fitted, epoxy can change color

- Good steady and security
- Broad range of resistance
- Small size, light weight, strong frame, easy automatic installation
- Fast response to the temperature, high delicacy
- Capability of operating in the bad environment of high temperature and humidity because of the glass encapsulation framework.

Type	NTC Glass Thermistor
Function	Good quality of coherence and interchange
Rated Resistance (R25)	0.1 ~ 3780 (kΩ)
The tolerance of Resistance	F : ±1% , G: ±2% , H: ±3% , J: ±5% , K: ±10%
B-value(25/80)	3100 ~ 4500
Working Temperature Range	-55 ~ +250 °C

Caution

- In order to use the product, there must be information about the resistance
- In basic design, reference should be made to the RT table of the data.
- The usage and temperature must be accurately checked.



<NTC GLASS THERMISTOR>

Advantage

- Fast Fire Detection
- Small size and versatility
- It is closely related to household appliances
- Available at high temperatures

Customer Check Point

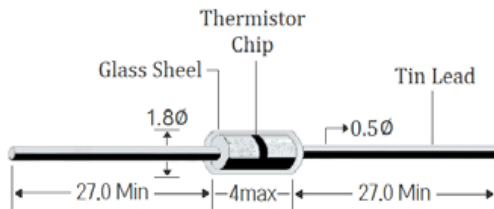
- Did you check the temperature of your environment?
- Do you confirm and design R/T table ?
- Did you check the size of the product?

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DIMMENSION



PART NUMBERING FORM

1	2	3	4	5	6
NTC	G	103	F	3435	F
1	Product Type		NTC GLASS THERMISTOR		
2	Serise Type		G = Glass		
3	Zero Power Resistance(R25)		0.1K ~ 1000KΩ		
4	The tolerance of Resistance		F = 1% G = 2% / H = 3% / J=5%		
5	B-value(25/80)		3100 ~ 4500		
6	The tolerance of B-value(25/80)		F = 1%		

Item	Conditions
Temperature of Soldering Iron-tip	360°C (max.)
Soldering Time	3 sec. (max.)
Distance from Thermistor	2 mm (min.)

Caution

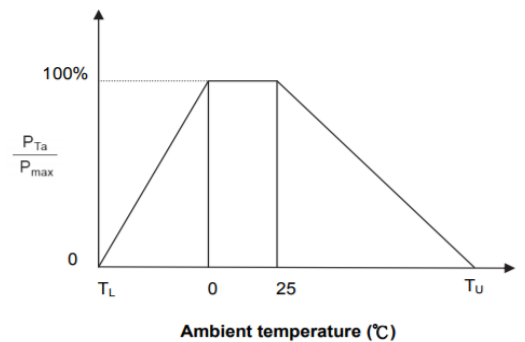
- You must select a wire suitable for your environment.
- Choose the thickness and type of wire carefully.
- You must select the wire material carefully

Advantage

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- Did you check the temperature of your environment?
- Do you confirm and design R/T table ?
- Did you check the size of the product?



T_u : Maximum operating temperature (°C)

T_L : Minimum operating temperature (°C)

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