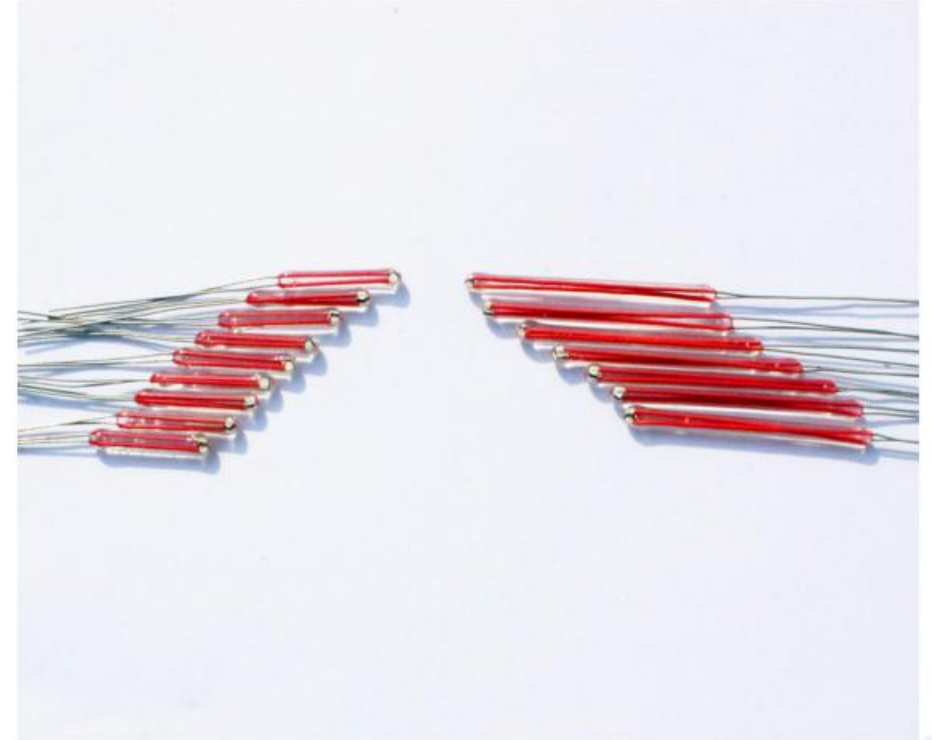


GT3 Series NTC THERMISTOR

The GT3 series thermistors is designed for high environmental reliability and wide temperature range of usage ($-40^{\circ}\text{C}\sim 300^{\circ}\text{C}$) . Long glass body also can make it have good insulation .This small size and glass package makes it ideal for space measurement and temperature measurement and control in extreme temperatures, corrosive environments and harsh environments.



FEATURES:

- Very short response time
- High temperature up to $+300^{\circ}\text{C}$
- Small dimensions
- Excellent stability at high temperature
- Excellent stability at high humidity condition

APPLICATIONS:

- HVAC
- Industry
- Medical
- Consumer Electronics
- Alternative Energy
- Telecommunications
- Medical and environmental systems

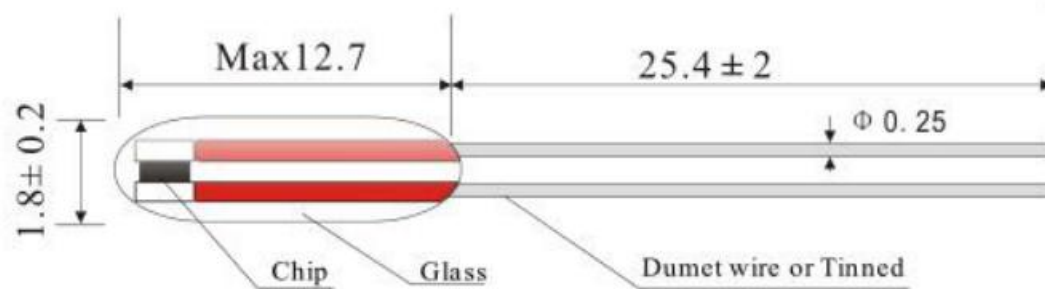
OPTIONS:

- Glass bead size : Max OD1.8*25.4mm
- Wire material: Dumet wires (copper-clad FeNi) , available solder plated
- Wire gauge: OD0.25mm
- Wire length: $25.4\pm 2\text{mm}$
- Stock parameters: 10k3435, 10k3950, 10K3977

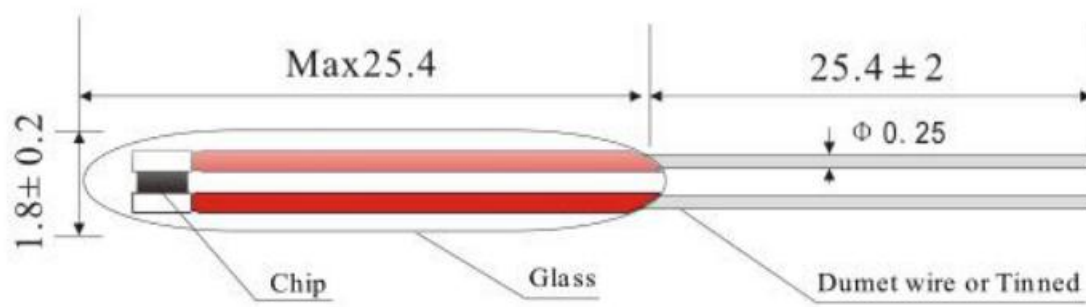
GT3 Series NTC THERMISTOR

DIMENSIONS (mm):

GT3S:



GT3L:



ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
GT3S	≥ 1	≤ 10	-40°C ~ 300°C
GT3L	≥ 1	≤ 10	-40°C ~ 300°C

GT3 Series NTC THERMISTOR

ORDERING CODE:

GT3 S R25 103 F 3435 F B

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① **GT3:** Probe Type Glass Thermistor

② **Bead size:**

S:	OD1.8*12.7mm
L:	OD1.8*25.4mm

③ **Rated temperature:** 25°C

④ **Resistance value at rated temperature(unit: K) :** 10k

⑤ **Resistance tolerance:** F

D	E	F	G	H	J	K
±0.2%	±0.5%	±1%	±2%	±3%	±5%	±10%

⑥ **Beta value(unit: K) :** 3435

⑦ **B value tolerance:** F

D	E	F	G	H	J	K
±0.2%	±0.5%	±1%	±2%	±3%	±5%	±10%

⑧ **B value temperature code:** B

A	B	C	D	E	F	G	H	M	N	X
25/50	25/85	0/25	0/50	0/100	0/80	25/100	-18/25	-20/25	5/25	others

PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag