

GT2 Series NTC THERMISTOR

The GT2 series thermistors is designed for high environmental reliability and wide temperature range of usage ($-40^{\circ}\text{C} \sim 250^{\circ}\text{C}$). Lead wires are coming out from one side, called radial lead type.

They are heat resistant by virtue of glass sealing. It is suitable for equipment requiring a quick response and for measurements in a narrow space. It can be applied to various fields, such as home appliance, automobile, medical, and other industrial applications.



FEATURES:

- Very short response time
- Small dimensions
- Excellent stability at high temperature
- Excellent stability at high humidity condition

APPLICATIONS:

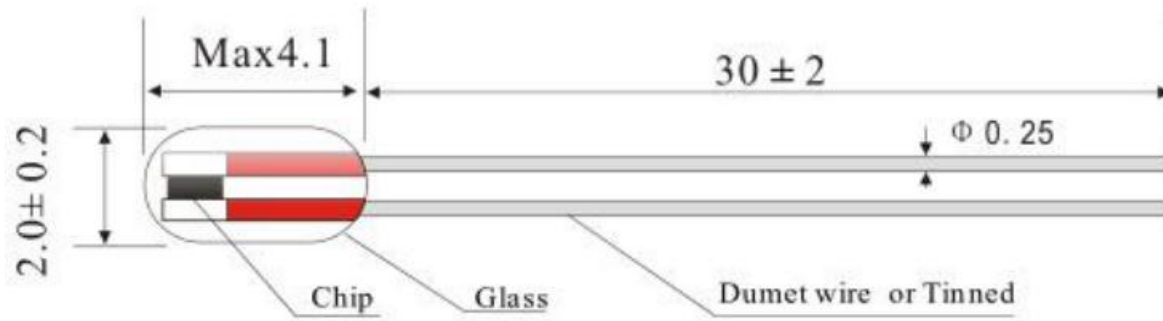
- 3D printer
- Copying machines
- Barbecue thermometer
- Water heaters
- Inverter fans
- Electric irons
- Hair dryers
- Vehicle usage, water temperature, intake air, outside temperature, battery, motor, fuel temperature
- Other home appliance
- Other automotive application

OPTIONS:

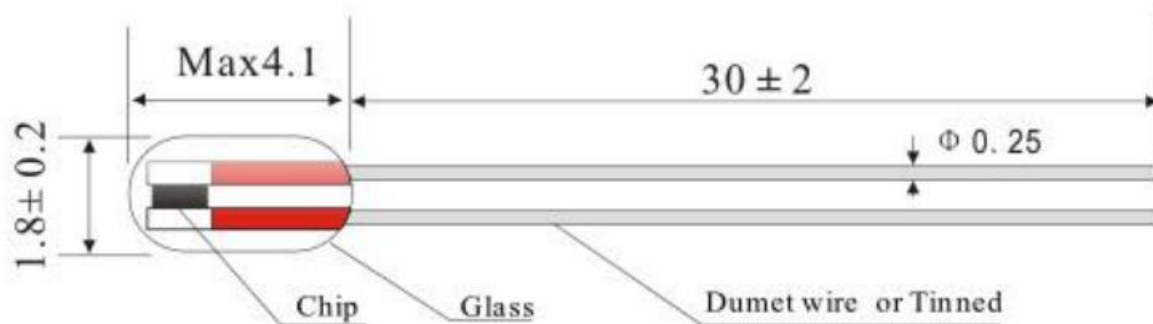
- Glass bead size : OD2.0*max4.1mm, OD1.8*max4.1mm, OD1.25*max3.2mm, OD0.9*max2.4mm
- Wire material: dumet wires (copper-clad FeNi), available solder plated
- Wire gauge: OD0.25mm, OD0.2mm, OD0.15mm
- Wire length: $30 \pm 2\text{mm}$ or $65 \pm 5\text{mm}$
- Stock parameters: 10k3380, 10k3435, 10k3470, 10k3950, 47k3950, 50k3950, 100k3950

GT2 Series NTC THERMISTOR

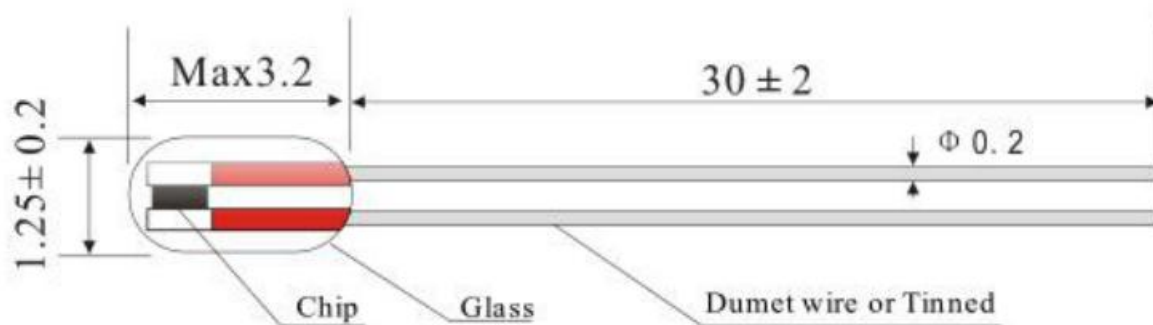
DIMENSIONS (mm):



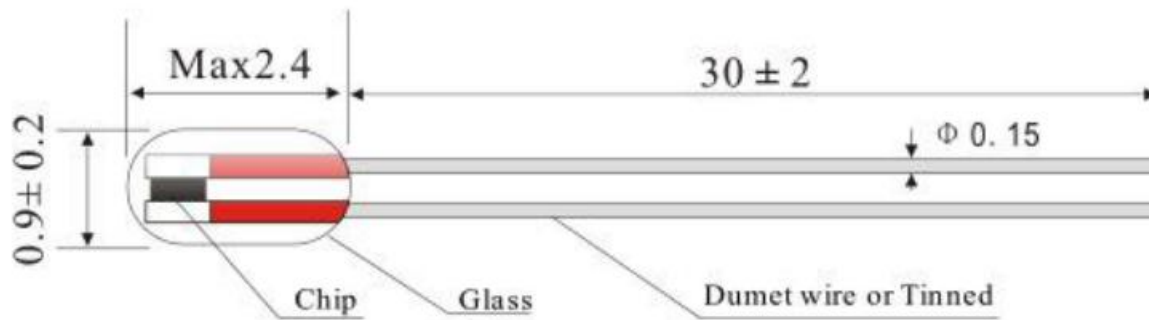
GT2H



GT2L



GT2M



GT2S

ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
GT2H	≥1.3	≤15	-40°C ~ 250°C
GT2L	≥0.9	≤10	-40°C ~ 250°C
GT2M	≥0.8	≤7	-40°C ~ 250°C
GT2S	≥0.4	≤3	-40°C ~ 250°C

GT2 Series NTC THERMISTOR

ORDERING CODE:

GT2 H R25 103 F 3435 F B L30

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① **GT2:** Radial Type Glass Thermistor

② **Bead size:**

H:	OD2.0*max4.1mm
L:	OD1.8*max4.1mm
M:	OD1.25*max3.2mm
S:	OD0.9*max2.4mm

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

⑨ **Wire length(mm):** 30

PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag