



- High Sensitivity
- Glass encapsulated
- Temperature range -40° C to 250° C



Description

The Thermistors of the **ENTC-G1B-Series** have a hermetically sealed glass bead. They offer stability and reliability even at very high temperatures and are well suited for humid environments and where thermal shocks can occur.

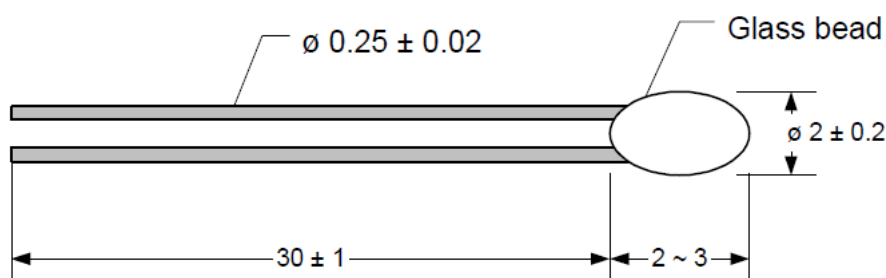
Applications

- Air conditioning systems
- Refrigeration control
- Hot water boiler systems
- Assembly into probes for a wide variety of applications
- Sensor for engine temperature control

Specifications

| | |
|--------------------------------------|---|
| Element: | NTC Thermistor |
| Wire material | Ø 0.25mm dumet wire (NiFe alloy w/copper coating) |
| Resistance at +25°C | 2k to 100k Ω |
| Dissipation factor (in still air) | 1mW/°C |
| Thermal time constant (in still air) | ~7 sec |
| Operating temperature range | -40° C to + 250° C |

Dimensions in mm



Ordering Information

| Order code | Resistance @ 25°C | Resistance Toleranz | Beta Value 25/85 | Beta Toleranz |
|---------------------|-------------------|---------------------|------------------|---------------|
| ENTC-G1B-2k3499-1 | 2000 Ohms | ±1% | 3499 | ±1% |
| ENTC-G1B-5k3976-1 | 5000 Ohms | ±1% | 3976 | ±1% |
| ENTC-G1B-10k3435-1 | 10.000 Ohms | ±1% | 3435 | ±1% |
| ENTC-G1B-10k3976-1 | 10.000 Ohms | ±1% | 3976 | ±1% |
| ENTC-G1B-30k3942-1 | 30.000 Ohms | ±1% | 3942 | ±1% |
| ENTC-G1B-50k3976-1 | 50.000 Ohms | ±1% | 3976 | ±1% |
| ENTC-G1B-100k4000-1 | 100.000 Ohms | ±1% | 4000 | ±1% |