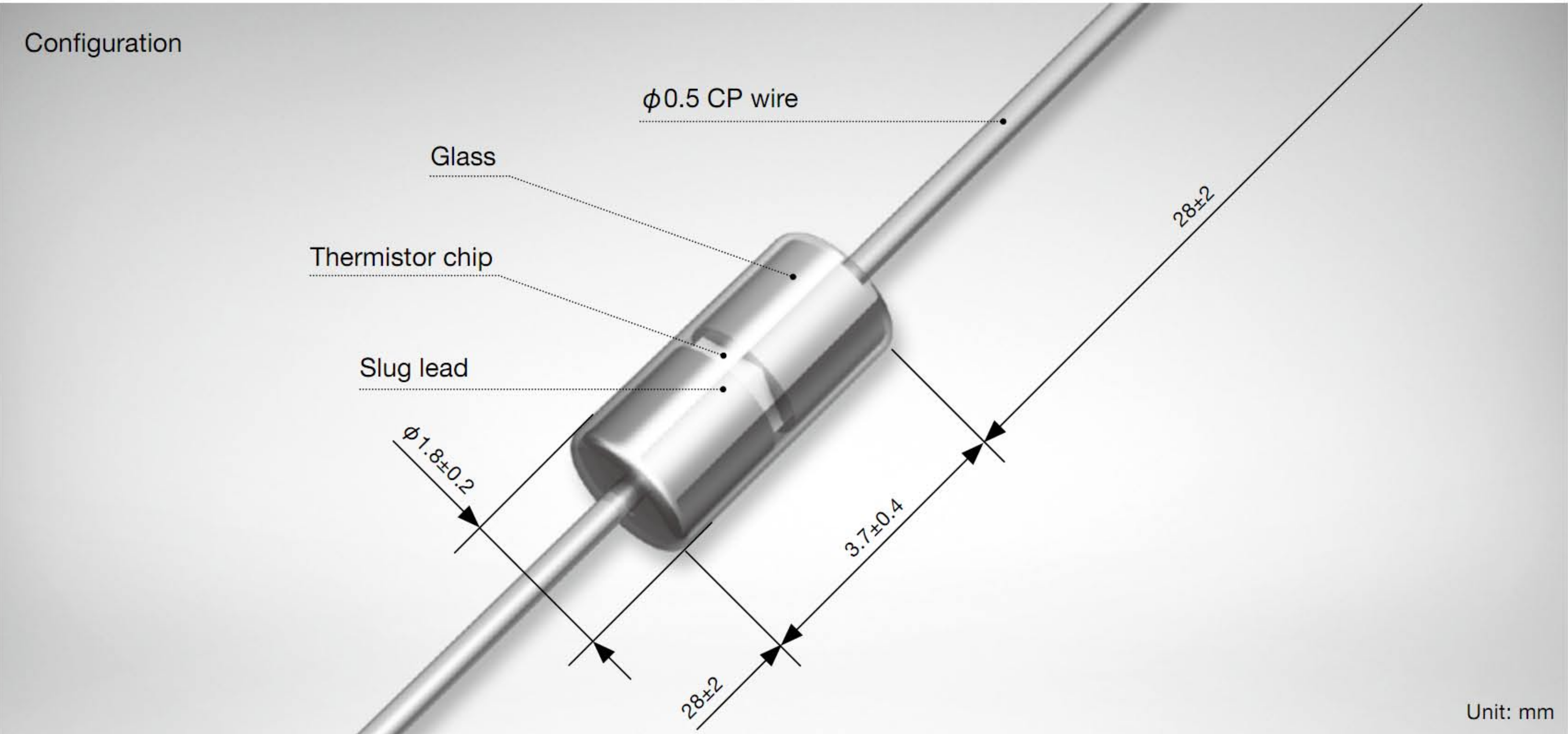


# PSB-N thermistor



## DHD (Double Heatsink Diode) type

A PSB-S thermistor is sealed in a DHD form. It is an axial lead type with wires coming out of both ends of the thermistor element. Heat resistance is provided by glass encapsulation. Wide-spaced lead wires contribute to lower possibilities in measurement error caused by leakage even with a high resistance thermistor chip. This enables PSB-N thermistors to be used in harsh environments such as in oil smoke, dust or humidity.

- Features
- Chip with gold electrodes
  - Suitable for use in severe environments such as oil vapor with its wide-spaced lead wires
  - Long-term stability in resistance
  - The wire diameter is large enough to support automatic mounting

- Applications
- Temperature sensors using an axial lead type thermistor
- Home appliances
  - Universal heaters
  - Measuring equipment

- Operating temperature
- 50 to +300°C
- Thermal time constant
- Approx. 12 sec.
- Dissipation constant
- Approx. 2.3mW/°C
- Insulation resistance
- Min. 100MΩ at 500VDC

