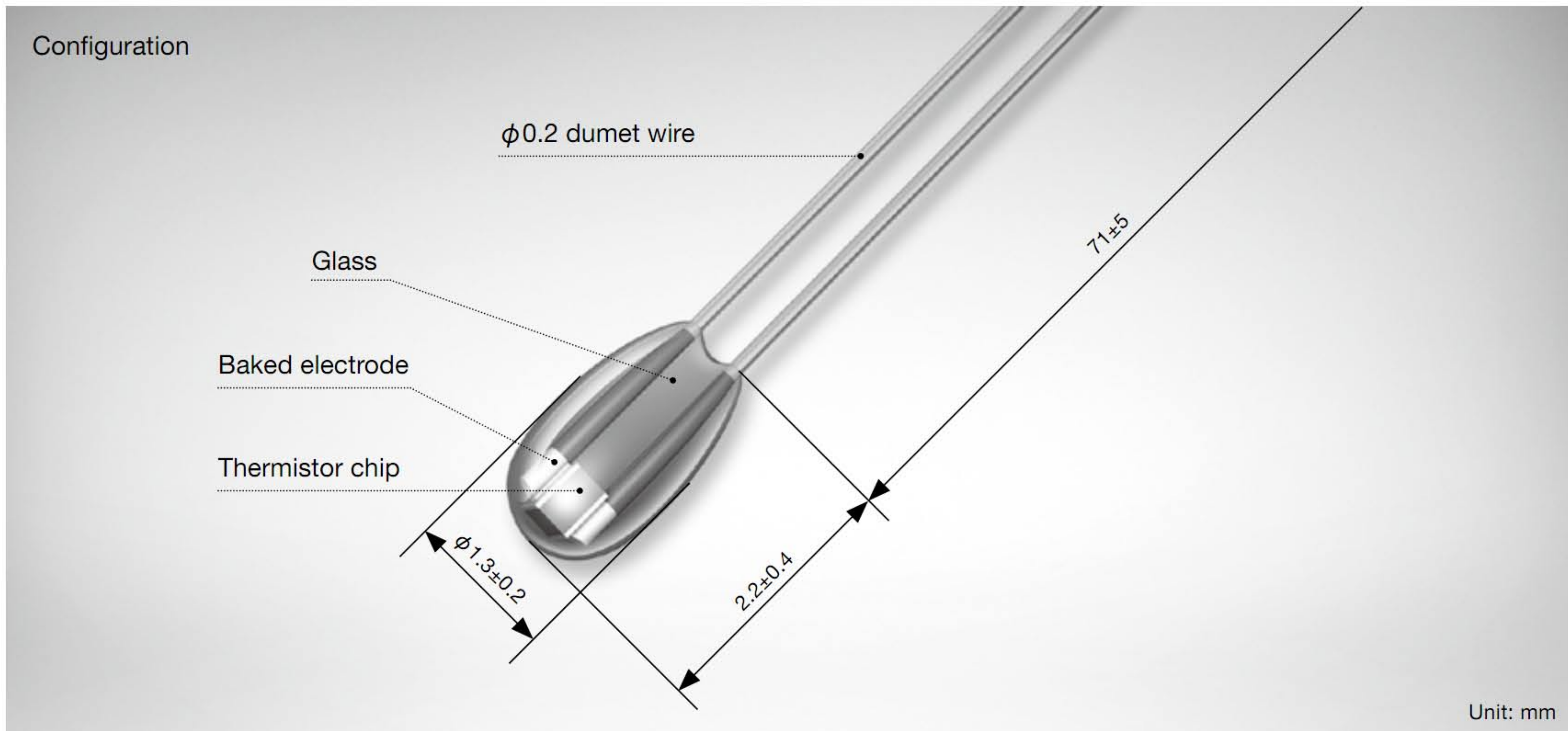


# STANDARD

## PSB-S3 thermistor



### If you need thermistors for a faster response

The PSB-S3 has been developed as a standard high response element exhibiting approximately a two times faster response than the PSB-S1 at reasonable cost.

#### Features

- Chip with gold electrodes
- High-level heat resistance and environmental stability secured by glass encapsulation
- Long-term stability in resistance
- High-volume supply in high quality by integrated automatic production
- Patented in 8 major countries (Japan, the U.S., Canada, France, the U.K., Germany, Italy and Switzerland)

#### Applications

- Suitable for equipment requiring a faster response
- Home appliances
  - Automobiles (air mass flow, T-MAPS)
  - HV/EV motors
  - Electronic thermometers

#### Operating temperature

-50 to +300°C

#### Thermal time constant

Approx. 5 sec.

#### Dissipation constant

Approx. 0.75mW/°C

#### Insulation resistance

Min. 10MΩ at 50VDC

#### V-I characteristics

