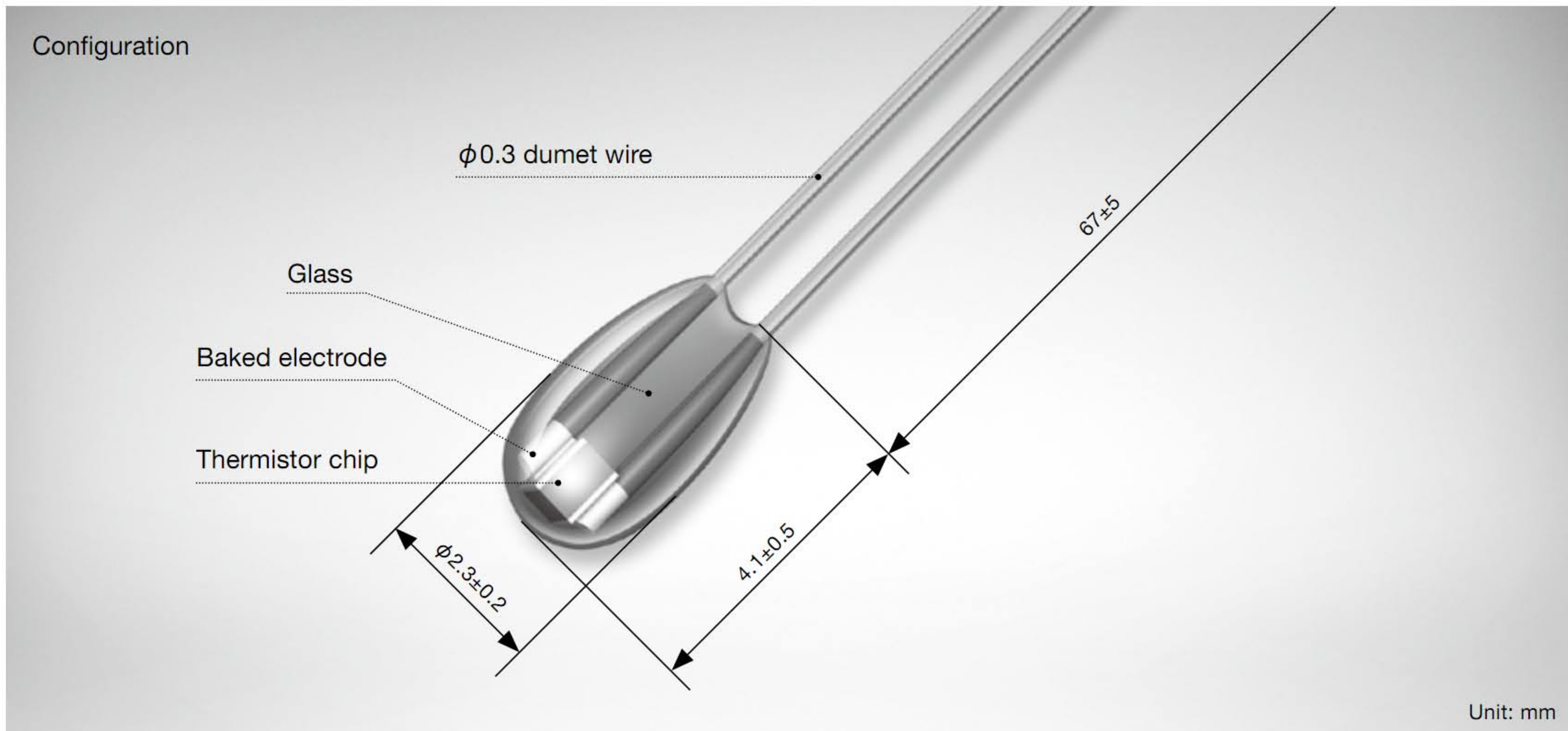


STANDARD

PSB-S1 thermistor



The standard product in PSB thermistors

With proven results in automotive, home appliances and other fields for more than 30 years, the PSB-S1 is universally recognized as the most reliable thermistor. The PSB-S1 accounts for Shibaura's largest production volume and is a practical global standard for all glass-encapsulated thermistors.

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

For equipment that requires high reliability in temperature measurement and control in addition to the following equipment

- Air conditioners
- Hot water boilers
- Home appliances
- Automobiles (water, intake air, ambient, battery, motor and fuel)

Operating temperature

-50 to +300°C

Thermal time constant

Approx. 12 sec.

Dissipation constant

Approx. 1.3mW/°C

Insulation resistance

Min. 50MΩ at 500VDC

V-I characteristics

