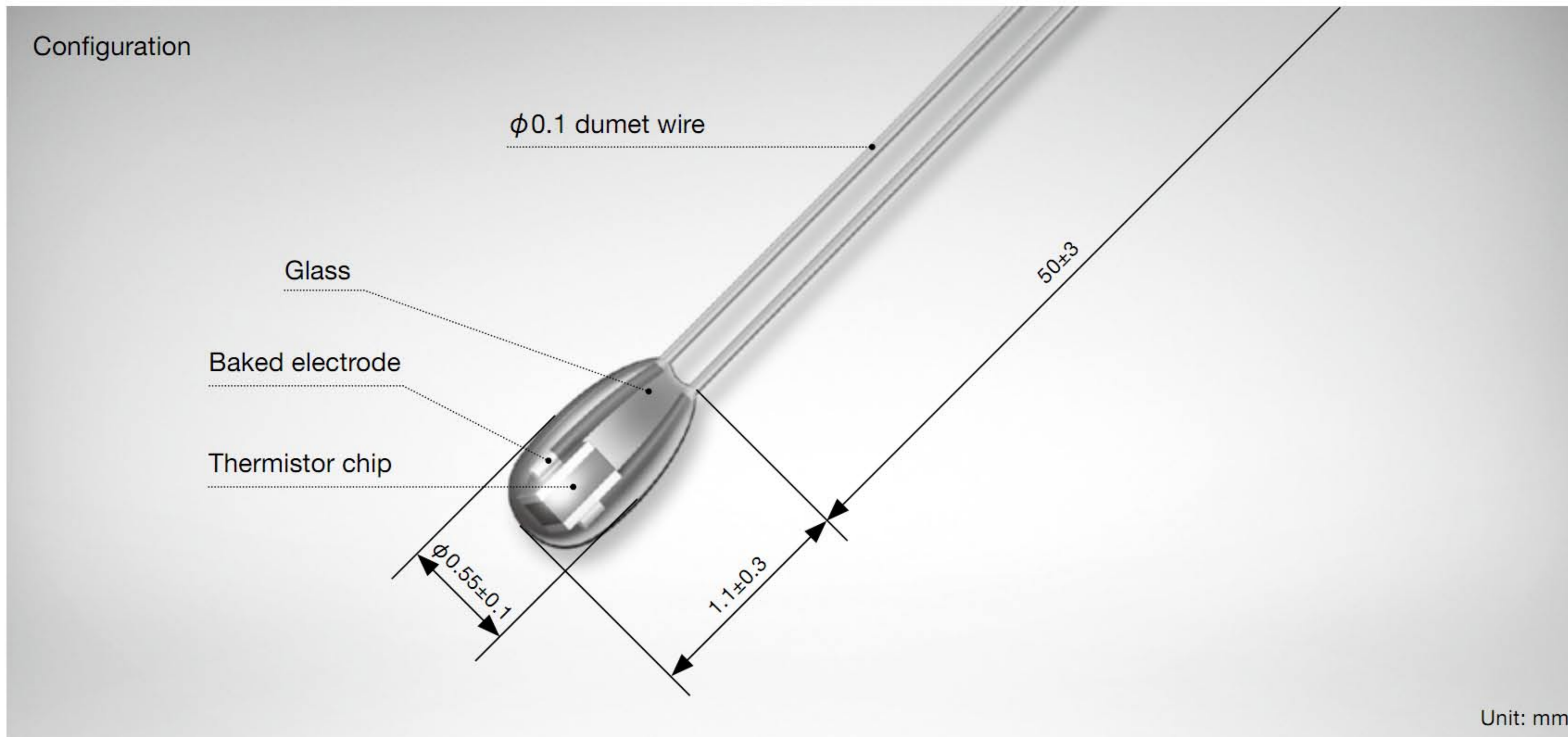


# PSB-S7 thermistor



## A micro-sized thermistor with a very fast response

Suitable for sensors that are placed in thin needle tips or on uneven surfaces. The PSB-S7 has both microsize and durability that have never before been achieved by resin thermistors.

### Features

- ◆ Chip with gold electrodes
- ◆ High-level heat resistance and environmental stability secured by glass encapsulation
- ◆ Long-term stability in resistance
- ◆ Twelve times faster response than the PSB-S1
- ◆ 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 quick response and for measurements in a narrow space

- Copying machines
- Medical equipment
- Needle sensors

### Operating temperature

-50 to +250°C

### Thermal time constant

Approx. 1 sec.

### Dissipation constant

Approx. 0.25mW/°C

### Insulation resistance

Min. 10MΩ at 50VDC

### V-I characteristics

