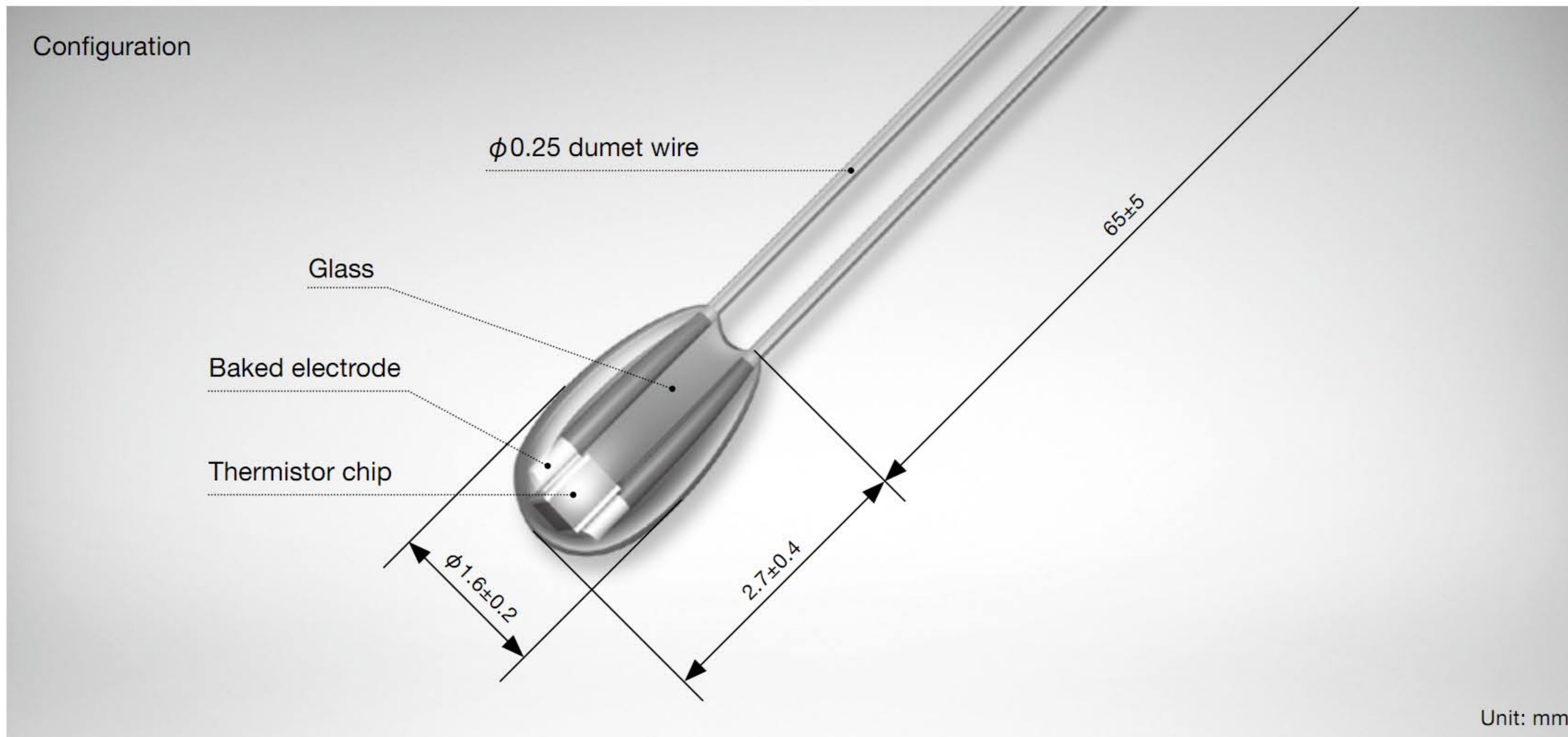


# PSB-S2 thermistor



## If you need both improved response and mechanical strength

The answer is PSB-S2. It is downsized and 1.5 times faster in response than the PSB-S1. Its  $\phi 0.25$ mm dumet wires make the handling of the product easier during processing.

### 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

### Applications

Suitable for applications requiring a fast response by downsizing as well as mechanical strength

- 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. 9 sec.

### Dissipation constant

Approx. 1.0mW/°C

### Insulation resistance

Min. 10M $\Omega$  at 50VDC

### V-I characteristics

