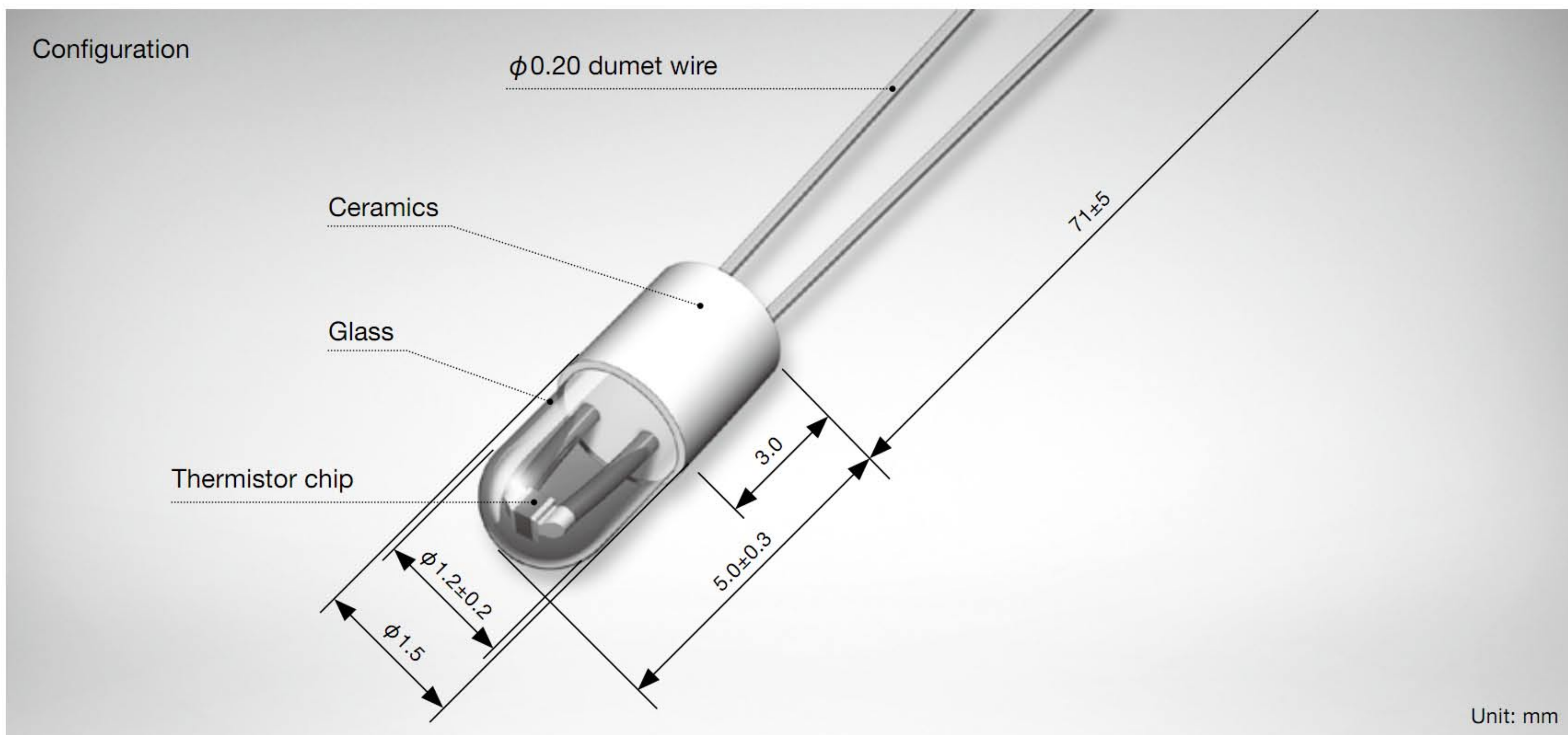


NS II -E3 thermistor



A highly reliable thermistor having enhanced mechanical strength and a reduced size

The NS II -E3 has remarkably improved insulation and mechanical strength with its lead wire outlets mechanically enhanced with ceramics. Suitable for use in humid places. It has been developed by downsizing to the PSB-S3 while keeping the merits of the NS II -E1.

Features

- Chip with gold electrodes
- Reinforced glass end with high strength ceramics
- Downsized equivalent to the PSB-S3
- Reduced damage to the glass during stress-giving processing
- Improved moisture resistance secured with enough creepage distance between the lead wires
- Long-term stability in resistance
- High-volume supply in high quality by integrated automatic production

Applications

Suitable for equipment requiring moisture resistance, mechanical strength and also a faster response than the NS II -E1

- Water heaters
- Dish dryers
- Tumble dryers
- Bidets
- Coffers makers

Max. operating temperature

300°C

Thermal time constant

Approx. 10 sec.

Dissipation constant

Approx. 1.2mW/°C

Insulation resistance

Min. 10MΩ at 50VDC

Reliability data

