

## Glass-Sealed Radial Type Thermistors

### Features:

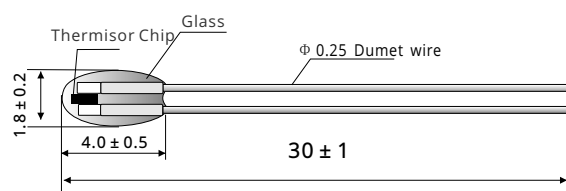
- Glass-encapsulated, heat-resistive and highly stable
- Small dimensions
- High temperature resistance up to +300°C (572°F)
- Fast response time
- Long-term stability in resistance
- Leads: dumet wires (copper-clad FeNi)  
Tin Plated options available

### Applications:

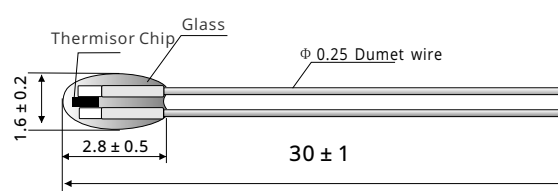
- Automobiles(water, intake air, ambient, battery, motor and fuel)
- Boiler Systems
- Air conditioners
- Hot water boilers
- Home appliances
- HVAC equipment
- Office automation

### Dimensions mm:

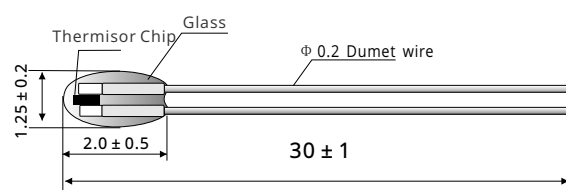
TP11:



TP12:



TP13:



### Specification:

| Product Number  | R25   | Tolerance | B value | Dissipation factor<br>mW/℃ | Time constant<br>In still air | Max Power<br>at 25℃ | Operating temperature |
|-----------------|-------|-----------|---------|----------------------------|-------------------------------|---------------------|-----------------------|
| TP11-2K3470R1   | 2kΩ   | ±1%       | 3470±1% | approx. 1.3                | approx. 11s                   | 50mW                | -40~250℃              |
| TP11-5K3977R1   | 5kΩ   |           | 3977±1% |                            |                               |                     |                       |
| TP12-10K3435R1  | 10kΩ  |           | 3435±1% | approx. 1.0                | approx. 9s                    | 42mW                |                       |
| TP12-12K3760R1  | 12kΩ  |           | 3760±1% |                            |                               |                     |                       |
| TP13-50K3950R1  | 50kΩ  |           | 3950±1% | approx. 0.8                | approx. 5s                    | 30mW                |                       |
| TP13-100K4200R1 | 100kΩ |           | 4200±1% |                            |                               |                     |                       |

- Lead wires are available in bare or tin-plated finish as per customer specification.
- Alternative specifications can be provided on request.