

Epoxy NTC Temperature Sensors

Features:

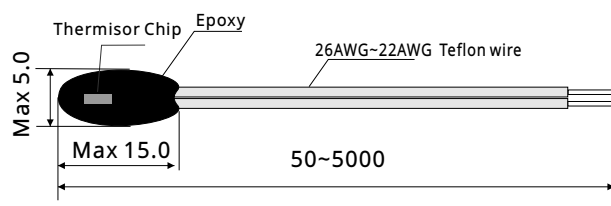
- Double epoxy encapsulation with excellent moisture resistance
- Fast thermal response time
- Excellent long-term performance stability
- Compact overall size & cost-efficient
- Customizable wire material, length and mounting style

Applications:

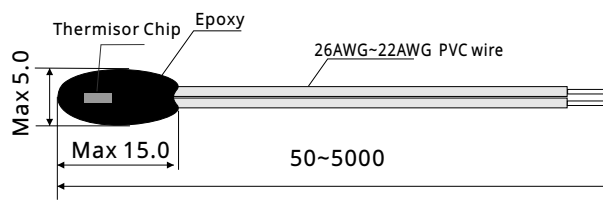
- HVAC & air conditioner indoor/ outdoor temperature sensing
- Greenhouse ambient air temperature monitoring
- General indoor and room temperature measurement
- Automobile heating component temperature detection

Dimensions mm:

TS11:



TS12:



Specification:

Product Number	R25	Tolerance	B value	Dissipation factor mW/°C	Time constant In still air	Max Power at 25°C	Operating temperature
TS11-2K3470R1	2kΩ	±1%	3470±1%	approx. 2.5	approx. 20s	50mW	Teflon wire -40~150°C
TS11-5K3977R1	5kΩ		3977±1%				
TS12-10K3435R1	10kΩ	±1%	3435±1%	approx. 2.5	approx. 20s	50mW	PVC wire -40~105°C
TS12-12K3760R1	12kΩ		3760±1%				
TS12-50K3950R1	50kΩ	±1%	3950±1%	approx. 2.5	approx. 20s	50mW	PVC wire -40~105°C
TS12-100K4200R1	100kΩ		4200±1%				

- Lead wires length, resistance and B value could as per customer specification.
- Alternative specifications can be provided on request.