

THIN FILM THERMISTOR

UNDER DEVELOPMENT

FI-R THERMISTOR

FEATURE

VERY FAST RESPONSE

Downsized thin film thermistor assures very fast response.

HEAT PROOF

Glass passivation enables high heat proof and less drift in resistance for long time.

EASY TO ASSEMBLE

Form of lead-frame is suitable for welding method.

Part number



Applications

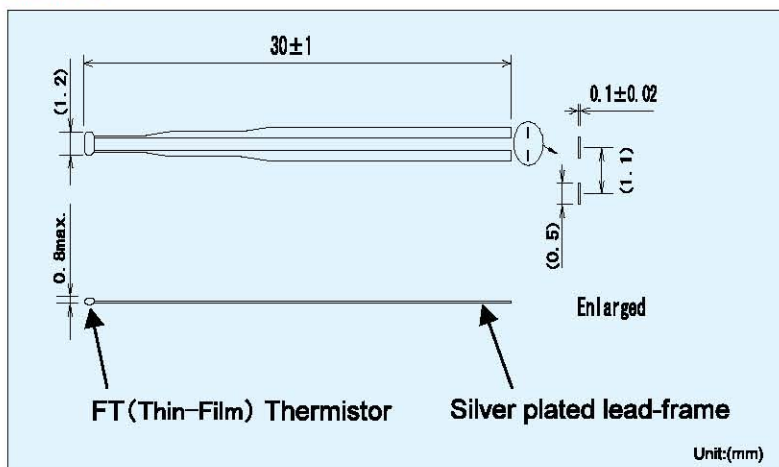
- High temperature range thermometer
- LCD
- Fire alarm

Specifications

Part No.	Zero-power resistance	B-value	Dissipation factor (mW/°C)	Thermal time constant(s)*	Rated maximum power dissipation(at 25°C)(mW)	Category temp. range (°C)
	R25	B25/85				
364FI (Preliminary)	360kΩ±3%	3370K±1%	approx.0.5mW/°C	approx.2s	2.5mW	-50~+400

*Resistance welding is recommended for connection method

Dimensions



Method of custody

- Keep away from corrosive gas environment such as H₂S,SO₂,NH₃,Cl₂,Nox,H₂ etc.when storing. An end terminal will corrode.
- Please keep in an environment of-10°C to 40°C,under 76% relative humidity so that it won't cause any dew condensation nor freezing.
- Thermistor can be damaged by ESD.And it will cause resistance trouble. Please take countermeasure against static electricity when handling.
- A lead wire is asked to be connected by welding.
- *Terminal surface has silver plated and it will turn black by sulfuration. When a silver sulfurates,its resistance may sometimes get increase.
- *The causation of the problem is a sulfuration gas (H₂S,SO₂ etc.) or sulfur mixes in an oil mist and stick on the parts.
- *Full preparation for sulfurate is needed if it will be used in this kind of environment.