

FILM Type NTC Thermistor

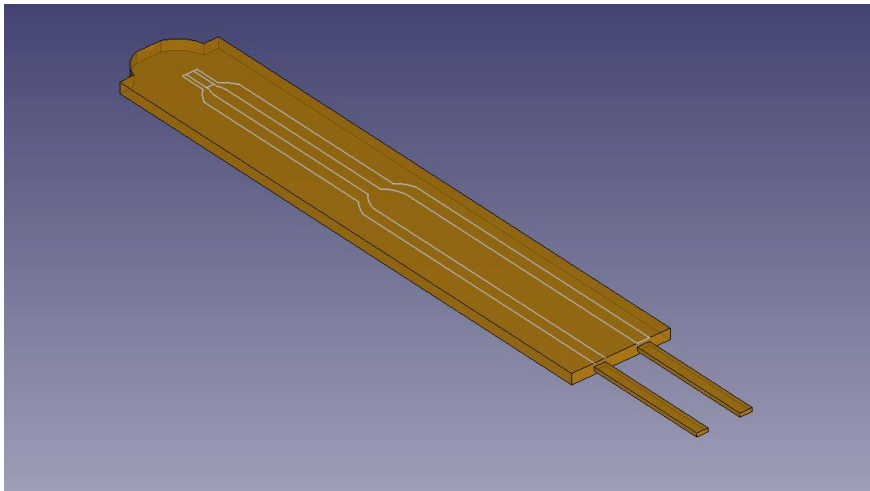
Description

- Film type thermistor is designed for high environmental reliability and low temperature range of usage ($-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$). Film type series gives excellent high temperature stability and can be applied to various fields.

Feature

- Max 0.5 mm thickness
- 4.0 mm standard size
- Excellent stability at low temperature($\sim 90^{\circ}\text{C}$)
- Cost effective design.

Shape and Dimension

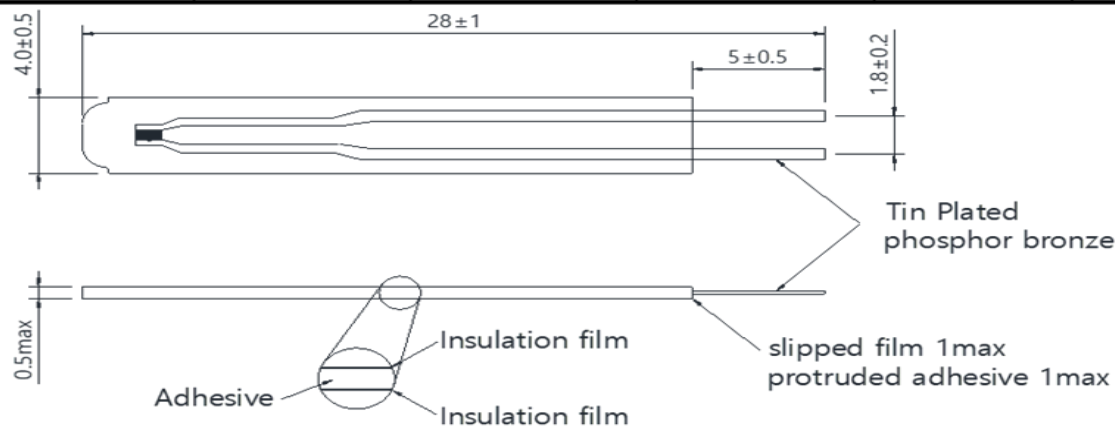


■ Electrical and thermal characteristics

ITEM	Characteristics	remark
Thermal time constant	max. 5sec	in still air
Dissipation constant	0.7 mW/°C	in still air
Operating Temperature	-40°C ~ 90°C	

■ Part No. Information

F	K	103	F	-028	-50
1	2	3	4	5	6
Type	Curve type	Resistance Value	Resistance tolerance	Total length	Lead length
F :Film type thermistor	Curve characteristic	103=10*1000Ω =10kΩ	F : R±1%, B±1%	028 : 28mm 040 : 40mm	50 : 5mm



Unit : mm

■ Part No. Information

Part No	Normal Resistance	B-value	R-T curve
FK103F -028-50 -040-50	R 25 = 10.00 kΩ	B25/85 = 3435K	K

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