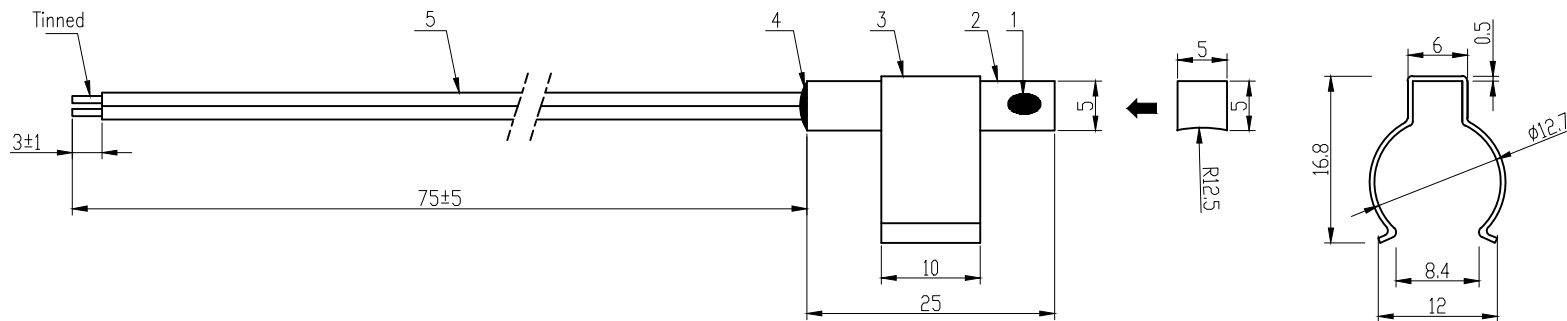


Mark	Num.	Modify files	Signature	Date



Item	Symbol	Test Condition	Performance	Unit
Rated resistance	R25	+25°C±0.05	1±1%	kohm
B value	B25/85	25±0.05°C, +85±0.05°C	3435±1%	K
Time constant	τ	in the water	Approx. 6.0	Sec
Dissipation factor	δ	in still air	Approx. 2.5	mW/°C
Voltage withstanding	U	AC1000V (Peak value)	No destroy or spark	V
Insulation resistance	Ri	DC500V	≥ 100	Mohm
Max.power	P _{MAX}	Ambient Temp.+25°C	50	mW
Operating Temp. Range	Topr	-	-20 ~ +105	°C

Operation Notice

1. Application Temperature measure and control.
2. Avoid measure error caused by self heat when over current pass through.

Reliability test

1. Intensity

Fix the probe ,Pull the lead by striped wire end with 5N force for 10±1sec.
No visible damage.

2. High Temp.Store (In air)

105±3°C, 1000h
ΔR25/R25 ≤ ±3%

3. Low Temp.Store (In air)

-20±3°C, 1000h
ΔR25/R25 ≤ ±3%

4. Heat and Humidity Stability

40±2°C 92%RH~98%RH, 240h
ΔR25/R25 ≤ ±3%

5		Wire	1	PCS	UL2651 26AWG	Black
4		Epoxy	1	PCS	Epoxy resin potting	Black
3		Pipe strap	1	PCS	Ø12.7	SUS304
2		Housing	1	PCS	Cu/Ni 5*5*25	
1		Component	1	PCS	NTC Thermistor	
No.	PN.	Name	Qty	Unit	Material	Remark

		VERSION	A0	WEIGHT	
		MATERIAL		UNIT	mm
SCALE		Temperature Sensor			
2:1		MFP-102F3435BP750-5525-12.7-T			
TOLERANCE		CUSTOMER NO	DRAWN NO	200810-J-US19	SIZE
0~10 ±0.1		PAGE 1 OF 1		A3	
10~100 ±0.2					
100~300 ±0.3					
120~400 ±0.5					
DESIGNED	NAME	DATE			
CHECKED					
APPROVED					