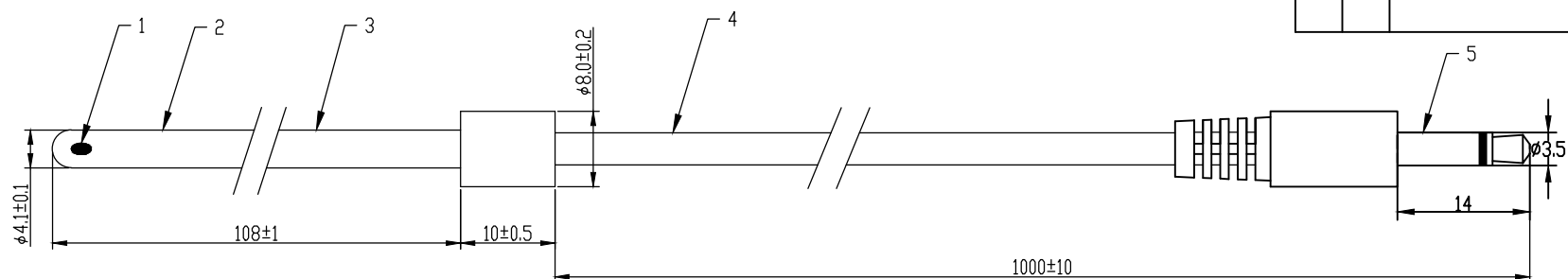


Mark	Num.	Modify files	Signature	Date



Item	Symbol	Test Condition	Performance	Unit
Rated resistance	R ₂₅	+25°C±0.02	10±1%	kohm
B value	B _{25/85}	25±0.02°C, +85±0.02°C	3984±1%	K
Time constant	τ	In the water	≤ 20	Sec
Dissipation factor	δ	In still air	Approx. 3	mW/°C
Voltage withstanding	U	AC1500V (Peak value)	No destroy or spark	V
Insulation resistance	R _i	DC500V	≥ 100	Mohm
Max.power	P _{max}	Ambient Temp.+25°C	60	mW
Operating Temp. Range	Topr	—	-40 ~ +150	°C

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)

100±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%

Operation Notice

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

5		Plug	1	PCS	3.5mm Audio plug	Black
4		Wire	1	PCS	Black silicone sheath wire 24AWG 7/0.2TS 2C Blue Teflon inner core ID1.0 OD3.4 200°C	
3		Teflon spray	1	PCS	Teflon spray	Black
2		Housing	1	PCS	SUS304 φ4*108-φ8*10	
1		Component	1	PCS	NTC thermistor Glass	401
No.	PN.	Name	Qty	Unit	Material	Remark
					VERSION	A0
					WEIGHT	
					MATERIAL	UNIT
						mm
					Temperature Sensor	
					MFP-103F3984BC102-04108-TC	
					CUSTOMER NO	DRAWN NO
					2407204-N-IT21	SIZE
					PAGE	1 OF 1
						A3