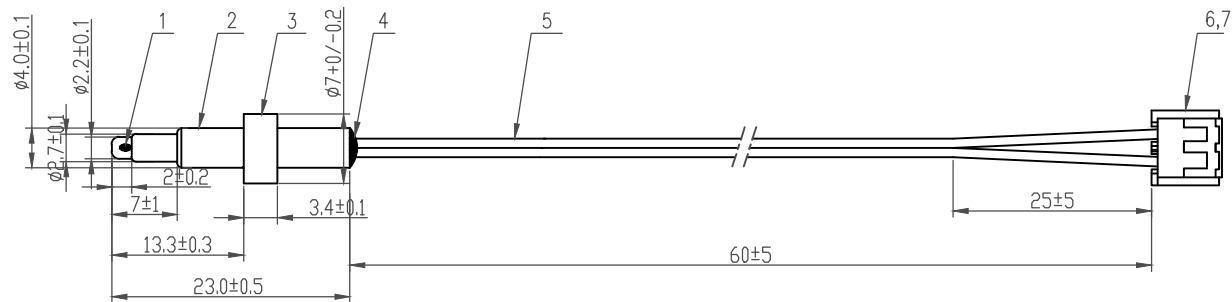


Mark	Num.	Modify files	Signature	Date



Item	Symbol	Test Condition	Performance	Unit
Rated resistance	R ₂₅	+25°C±0.02	100K±1%	kohm
B value	B _{25/85}	25±0.02°C, +85±0.02°C	3950±1%	K
Time constant	τ	in the water	≤1.5	Sec
Dissipation factor	δ	in still water	Approx. 5.6	mW/°C
Voltage withstanding	U	AC500V 10S(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	-	-25 ~ +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)

100±3°C, 1000h
ΔR₂₅/R₂₅ ≤ ±3%

3. Low Temp.Store (In air)

-25±3°C, 1000h
ΔR₂₅/R₂₅ ≤ ±3%

4. Heat and Humidity Stability

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

7	Connector Housing	1	PCS	HX25004-2Y	White	
6	Connector terminal	2	PCS	HX25004-PT		
5	Wire	1	PCS	UL2651 28AWG	Black	
4	Epoxy	1	PCS	Epoxy resin potting	Black	
3	Brass nickel plated ring	1	PCS	Brass nickel plated ring φ7X3.4		
2	Housing	1	PCS	SUS304 φ4X23-φ2.2-φ2.7		
1	Component	1	PCS	CIG NTC Thermistor		
No.	PN.	Name	Qty	Unit	Material	Remark

FocusSens®



VERSION	A0	WEIGHT	
MATERIAL		UNIT	mm

SCALE

2:1

TOLERANCE

0~10	±0.1
10~100	±0.2
100~300	±0.3
120~400	±0.5

Temperature Sensor

MFP-104F3950BP600-0423

	NAME	DATE
DESIGNED		
CHECKED		
APPROVED		

CUSTOMER NO	DRAWN NO	210813-JTUR14	SIZE
	PAGE	1 OF 1	A3