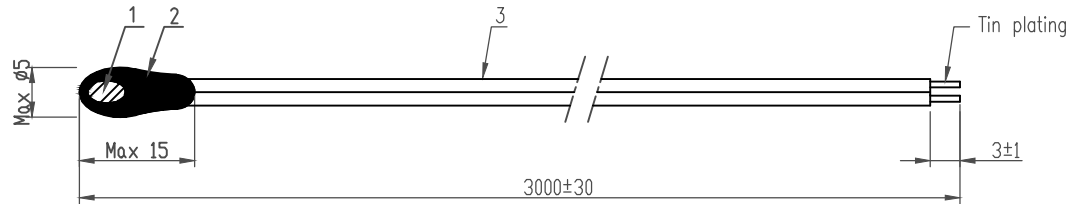


Mark	Num.	Modify files	Signature	Date



Item	Symbol	Test Condition	Performance	Unit
Rated resistance	R ₂₅	+25°C±0.02	6.8±2%	kohm
B value	B _{25/85}	25±0.02°C, +85±0.02°C	3977±2%	K
Time constant	τ	in still air	iÜ 60	Sec
Dissipation factor	δ	in still air	Approx. 6.0	mW/°C
Voltage withstanding	U	AC1500V (Peak value)	No destroy or spark	V
Insulation resistance	R _i	DC500V	iŸ 100	Mohm
Max.power	P _{MAX}	Ambient Temp.+25°C	60	mW
Operating Temp. Range	T _{opr}	-	-40 ~ +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
 $\Delta R_{25}/R_{25} \leq \pm 3\%$
3. Low Temp.Store (In air)
-40±3°C, 1000h
 $\Delta R_{25}/R_{25} \leq \pm 3\%$
4. Heat and Humidity Stability
40±2°C 92%RH~98%RH, 240h
 $\Delta R_{25}/R_{25} \leq \pm 3\%$

3		Wire	1	PCS	UL2651 26AWG	Black
2		Epoxy	1	PCS	Epoxy Resin	Black
1		Component	1	PCS	NTC Thermistor	
No.	PN.	Name	Qty	Unit	Material	Remark
			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			
DESIGNED		NAME	DATE	Temperature Sensor MFE2A 6.8G3977PC302-0515		
CHECKED						
APPROVED						
CUSTOMER NO	DRAWN NO	2106172-J-SPA2		SIZE		
	PAGE	1	OF	1	A3	