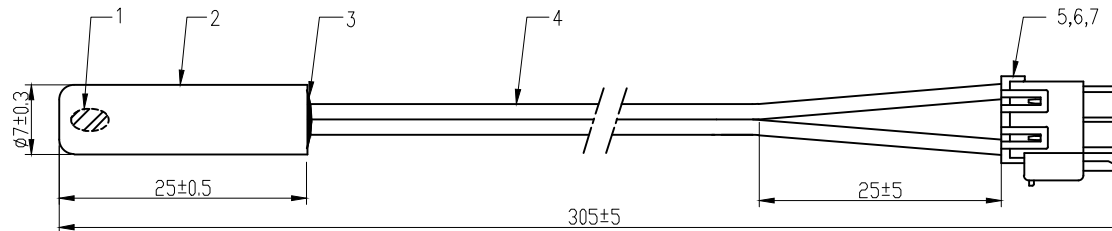


Mark	Num.	Modify files	Signature	Date



Item	Symbol	Test Condition	Performance	Unit
Rated resistance	R ₂₅	+25°C±0.05	5±1%	kohm
B value	B _{25/85}	+25±0.05°C, +85±0.05°C	3324±1%	K
Time constant	τ	in the water	≤ 20	Sec
Dissipation factor	δ	in still air	Approx. 6.5	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	-	-20 ~ +105	°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.

7		Lock plate	1	PCS	HX18016-2PS(Counterpart for MOLEX 35965-0292)	Red
6		Connector	1	PCS	HX18016-2PA(Counterpart for MOLEX 35965-0200)	
5		Terminal	2	PCS	HX18001-01PTA(Counterpart for MOLEX 35746-0110)	
4		wire	1	PCS	UL2651 24AWG	Blue
3		Epoxy	1	PCS	Epoxy resin potting	White
2		Housing	1	PCS	PBT φ7×25	White
1		Component	1	PCS	NTC Thermistor	
No.	PN.	Name	Qty	Unit	Material	Remark

		VERSION	A0	WEIGHT	
		MATERIAL		UNIT	mm
SCALE		Temperature Sensor			
2:1		MFT-502F3324BP301-0725			
TOLERANCE		CUSTOMER NO	DRAWN NO	2011272-DW1474	SIZE
0~10 ±0.1		PTS10-7	PAGE	1	OF 1
10~100 ±0.2					
100~300 ±0.3					
120~400 ±0.5					
DESIGNED	NAME	DATE			
CHECKED					
APPROVED					