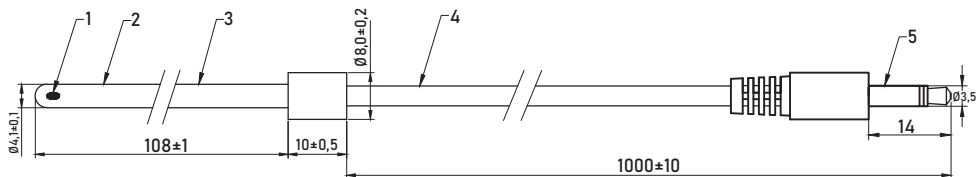


MFP-103F3984BC102-04108-TC

Unit: mm



5	Plug	1	3.5 mm audio plug	Black
4	Wire	1	Black silicone sheath wire 24AWG 7/0.2TS 2C Blue Teflon inner core ID1.0 OD3.4 200°C	
3	Teflon spray	1	Teflon spray	Black
2	Housing	1	NTC Thermistor	
1	Component	1	NTC Thermistor Glass	
No	Name	QTY	Material	Remark

TECHNICAL SPECIFICATION

Item	Test condition	Performance
Rated resistance	+25°C ± 0,05	10 ± 1% kOhm
B-Value	25 ± 0,02°C / +85 ± 0,02°C	3984 ± 1%
Time constant	In the water	≤ 20 seconds
Dissipation factor	In still air	Approx. 3 mW/°C
Voltage withstanding	AC1500V (Peak value)	No destroy or spark
Insulation resistance	DC500V	≥ 100 mOhm
Max power	Ambient Temperature +25°C	≤ 60 mW
Temperature Range	/	-40 / +150°C

RELIABILITY TEST

1. Intensity - Fix the probe, pull the lead by striped wire end with 5N force for 10 ± 1 sec. No visible damage.
2. High Temperature Store (in air) 100 ± 3°C, 1000h ΔR25/R25 ≤ ± 3%
3. Low Temperature 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%