



东莞市安伏特电子有限公司

**Dongguan Ampfort Electronics Co., Ltd.**

NO: AFT-DS031011

Version: A/1

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## Specification For Approval

**Customer name :** \_\_\_\_\_

**Product name :** **NTC Thermistor**

**Customer PN :** \_\_\_\_\_

**MFG PN :** **DS18B20-15000L**

MFG			Customer Confirmation		
Make	Check	Approval	Test	Check	Approval

(Company name)

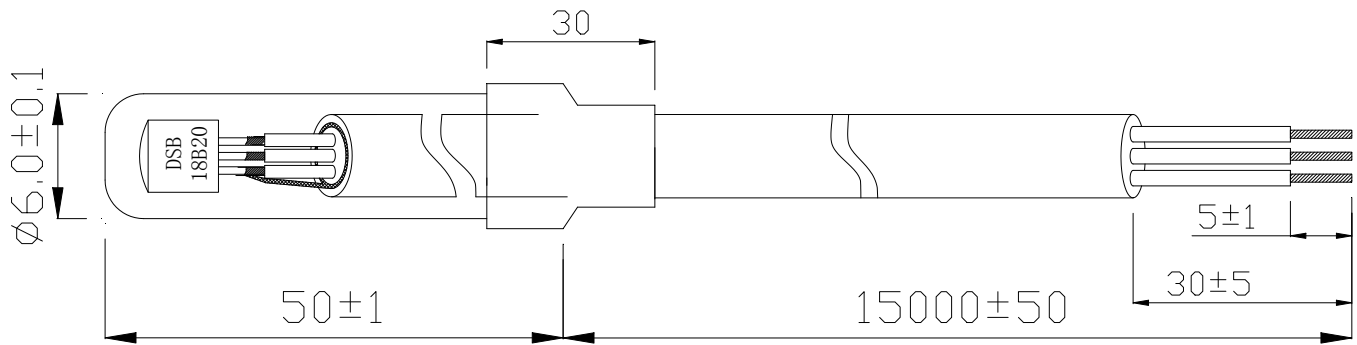
Confirm got the spec and accept as our company's warehouse accept standard.

Version	Revise content	Forwarder	Date
A/0	Just Made	CHENG	2015/3/1
A/1	Change into shielded line	CHENG	2015/3/6

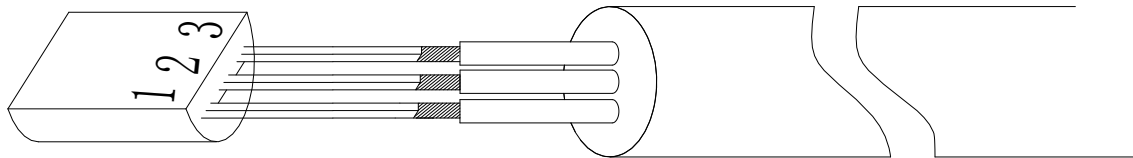


1、Overall Dimension

(Unit: mm)



2. Internal Wiring Diagram



- Pin 1 Soldering to black GND ;
- Pin 2 Soldering to white DQ ;
- Pin 3 Soldering to red VDD;

3.Material explanation

NO	Material Name	Item/PN	Origin
2-1.	Chip	Digital sensor chip DS18B20	Imported
2-2.	Epoxy resin	J105/J106B/J05X G208/GU01 white	ZJ
2-3.	Shell	$\Phi 6.0 \times 50$ Stainless steel shell	GD
2-4.	Tube	1.5 Black double-wall thermal shrinkage tube L=15mm*3	HL
2-5.	Lead wire	3C-FEP (red white black)OD4.3mm black+ Silica gel ecderon +shield	HX
2-6.	Tube	$\Phi 6.4$ Black double wall heat-shrinkable tubing L=30mm	GD

3、 Electrical properties

See the appendix of digital sensor DS18B20 English materials.