

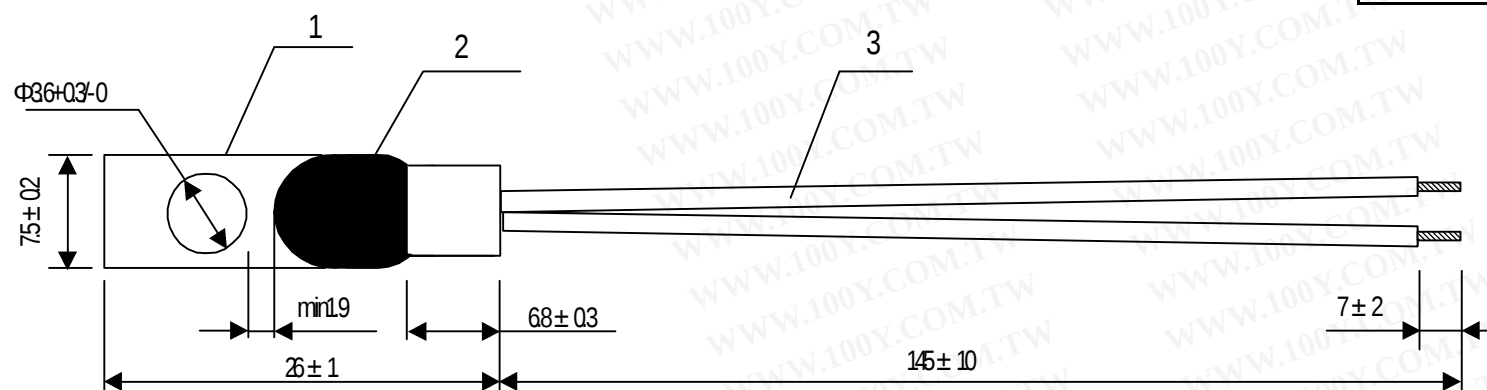
勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

A. Material List

NO.	ITEM	DESCRIPTION
1	TERMINAL	SQNB5-3.7
2	COATING RESIN	BLACK EPOXY
3	LEAD WIRE	UL 1430#22 TC(白色線)

B. Electrical Characteristic

ITEM	VALUE
R25	500 Ω $\pm$ 5%
B25/50	3700K $\pm$ 5%



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THINKING P/N: NTSA0501JG001

NO	PART NAME	PART P/N	Q'TY	MANUFACTRURE OF MATERIAL	FLAMMABILITY SOLID BURNING CLASS	UL FILE NO
1	TERMINAL	SQNB5-3.7	1	LITENG	BRASS	
2	COATING RESIN	BLACK EPOXY		DAZHOU		
3	LEAD WIRE	UL 1430#22 TC 白色線	2	LONGWELL OR EQUIVALENT	VW-1	UL APPROVED
備 注						

Specification of NTC Thermistor for Sensor

PART NO. NTSA0501JG001

CUSTOMER P/N. _____

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2. Electrical characteristics

	Parameter	Symbol	Test Conditions	Min.	Nor.	Max.	Unit.
a.	Resistance At 25	R_{25}	$T_a=25 \pm 0.1$ $I < 0.5\text{mA}$	0.475	0.5	0.525	KOHM
b.	Resistance At 50	R_{50}	$T_a=50 \pm 0.1$ $I < 0.5\text{mA}$	-----	3.497	-----	KOHM
c.	R_{25} / R_{50}	K	-----	-----	2.859	-----	-----
d.	B Constant	B	(8876 Log K)	3515	3700	3885	K
e.	Thermal Dissipation Constant	C	$T_a=25 \pm 0.1$	-----	19	-----	mW/
f.	Thermal Time Constant	-----	$T_a=25 \pm 0.1$	-----	19	-----	Sec
g.	Hi-Pot Test	-----	1000V AC 3 sec	-----	----	10	mA

3. Maximum Ratings

	Parameter	Specification	Unit
a.	Operation Temperature Range	- 10 --- 105	
b.	Max' Permissible Current	280	mA
c.	Max' Operating Current	140	mA

4. Mechanical Characteristics

4-1 Leads Terminal Tensile Strength

Conditions	Test Result	
Fasten body with a Load Applied to each lead 1 kg for 5 sec.	No break out	OK
	and damage	

5. Reliability Test

Item	Test Conditions	Variable
Temp. cycle test	$-10 \times 30\text{min} \rightarrow +25 \times 5\text{min}$ $+105 \times 30\text{min} \rightarrow +25 \times 5\text{min}$ } 10cycles	Within $\pm 5\%$
Humidity test	45 95 % RH X 1000 HRS	Within $\pm 5\%$
Life test	280 mAmp. X 1000 HRS	Within $\pm 5\%$

