

AT series

High precision NTC thermistor

●Features

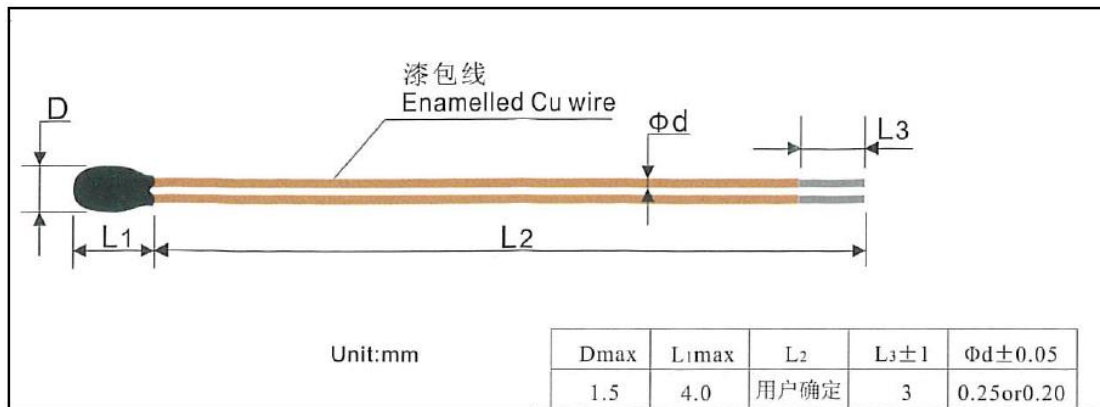
1. AT series in the form of radial enameled cu wire.
2. Wide resistance range: 2 ~ 200K Ω
3. High precision resistance and B value.
4. High temperature measurement precision, can be $\pm 0.1^{\circ}\text{C}$
5. Small dimension, fast response.
6. High reliability.
7. Can operate in long time stability.
8. Operating temperature range: $-40 \sim +105^{\circ}\text{C}$



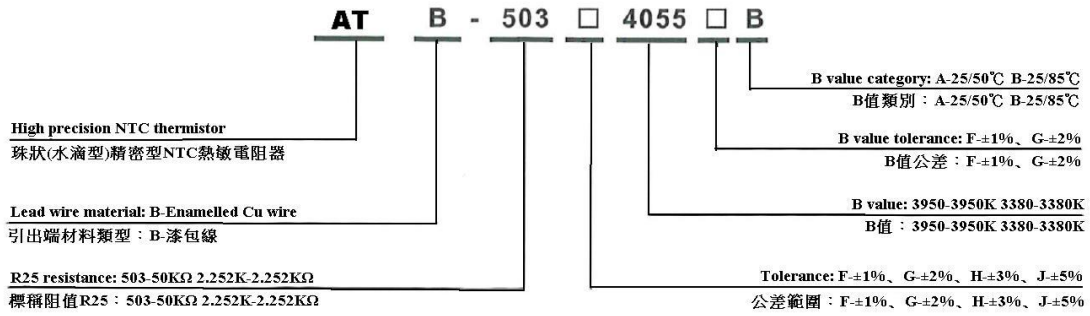
●Application

1. Electronic thermometer.
2. Medical apparatus.
3. Home appliance, such as air conditioner, refrigerator, deep freezer, soybean milk machine, bread machine, drinking machine, etc.

●Structure & Dimension:



●Marking of Part Number.



●Specification.

Part Number 型號	Resistance @25°C 額定電阻值(R25)		B Value B值		Specific parameters 特定參數	Operating Temperature 工作溫度(°C)	Dissipation Factor 耗散係數(mW/°C)	Thermal Time Constant 熱時間常數(S)
	Resistance 電阻值(KΩ)	Tolerance 公差(±%)	B Value 標稱值(K)	Tolerance 公差(±%)				
AT-103□3435□B	10		3435					
AT-103□3950□A	10		3950					
AT-303□3810□(0/50)	30		3810					
AT-503□4055□B	50		4055					
AT-503□3950□A	50		3950					
AT-503□3953□(30/45)	50	1、2、3、5	3953	0.75、1、2	R ₁₀ =30K Ω	-40~+105	≥0.7	≤6
AT-833□3953□(30/45)	83		3953		R ₁₀ =50K Ω			
AT-2.252K□3977□B	2.252		3977				靜止空氣中	靜止空氣中
AT-502□3977□B	5		3977		(0~70°C)±0.1°C		In still air	In still air
AT-303□3977□B	30		3977					
AT-302□3977□B	3		3977					
AT-103□3977□B	10		3977					
AT-103□3695□B	10		3695		(0~70°C)±0.2°C			
AT-203□4262□B	20		4262					
AT-503□3977□B	50		3977					

注：1.第一方框引填標稱阻值的精度代號，第三方框填B值的精度代號。

Note: First □ for filling in resistance tolerance code name, Second □ for filling in B value tolerance code name.