

## 10±1% Resistance NTC Thermistor For Temperature Sensing Applications

Our Product Introduction

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### Basic Information

- Place of Origin: SHENZHEN GUANGDONG, CHINA
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: MF52-BH Series
- Minimum Order Quantity: 500PCS
- Price: Negotiable
- Packaging Details: Bulk
- Delivery Time: 5-7 days
- Payment Terms: T/T, Paypal, Western Union, Money gram
- Supply Ability: 250,000PCS Per Month



### Product Specification

- Features: MF52 Pearl-Shape Temperature Measurement NTC Thermistor
- B Constant (25/50 )(K): 3470±1%
- Resistance(25 )(kΩ): 2±1%
- Part Number: MF52-BH Series
- Type: Temperature Measurement NTC Thermistor
- Standard: RoHS & Halogen Free (HF) Compliant
- Thermal Time Constant(s): 12
- Highlight: **High Precision NTC Thermistor, RoHS NTC Thermistor, Temperature Sensing NTC Thermistor**



### More Images



## Product Description

### Product Description:

With a B Constant (25/50 )(K) of --, this NTC Temperature Probe is highly accurate and reliable in its temperature readings. The Dissipation Factor(mW/ ) of 3 ensures that the device can handle a range of temperatures without affecting its performance. Designed for versatility, this NTC Thermistor can operate in temperatures as low as -40 and as high as +125 , making it suitable for a wide range of applications.

Whether you need to measure the temperature of liquids or solids, this NTC Thermally Sensitive Device is the perfect tool for the job. Its accuracy and reliability make it ideal for use in industries such as automotive, electronics, and HVAC.

Investing in this Thermistor Temperature Sensor is a smart choice for those who require precise temperature measurements in their work. Its durable construction and wide temperature range make it a versatile and valuable addition to any tool kit.

### Features:

Product Name: NTC Thermistor

Type: Temperature Measurement NTC Thermistor

Brand Name: SOCAY

Foot Length: Customizable

Enterprise Type: Co,Ltd

B Constant (25/50 )(K): --

Keywords: Thermistor Temperature Sensor, Negative Temperature Coefficient Thermistor, Thermally Sensitive Resistor

### Technical Parameters:

Brand Name	SOCAY
Part Number	MF52-BH Series MF52-103F3470FB2BH
Type	Temperature Measurement NTC Thermistor
Features	MF52 Pearl-Shape Temperature Measurement NTC Thermistor
Operating Ambient Temperature( )	-40 ~ +125
Resistance(25 )(kΩ)	10±1%
B Constant(25/85 )(K)	--
Dissipation Factor(mW/ )	3
Thermal Time Constant(s)	12
Foot Length	Customizable

### Applications:

SOCAY NTC Thermistors are a type of Negative Temperature Coefficient Thermistor used for temperature measurement. The MF52-BH Series is a popular choice due to its high sensitivity, accuracy, and stability. These thermistors are manufactured in Shenzhen, Guangdong, China by SOCAY Co, Ltd.

With UL, REACH, ROHS, and ISO certifications, SOCAY NTC Thermistors meet international standards for quality and safety. The minimum order quantity is 500PCS and pricing is negotiable. Packaging is done in bulk and delivery time is 5-7 days. Payment can be made through T/T, Paypal, Western Union, or Money Gram. SOCAY has a supply ability of 250,000PCS per month.

The MF52-BH Series has a B Constant (25/50 )(K) of  $3470 \pm 1\%$  and a Resistance (25 )(kΩ) of  $2 \pm 1\%$ . While the B Constant (25/85 )(K) is not specified, these NTC Thermistors are widely used in temperature measurement applications where high accuracy is required.

Some common application occasions and scenarios for SOCAY NTC Thermistors include:

Temperature sensing in HVAC systems

Temperature control in home appliances such as refrigerators, ovens, and air conditioners

Temperature measurement in automotive applications

Temperature compensation in electronic circuits

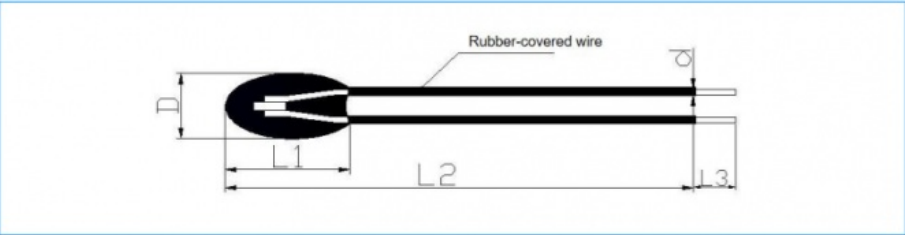
Temperature monitoring in medical equipment

Overall, SOCAY NTC Thermistors are a reliable and cost-effective option for temperature measurement and control. With their high sensitivity and accuracy, they are ideal for a variety of industries and applications.

### Customization:

Our NTC Thermistor is a thermally sensitive resistor designed for temperature measurement. With a pearl-shaped design and customizable foot length, these thermistors are perfect for a variety of applications. Our NTC Thermistor is manufactured in SHENZHEN GUANGDONG, CHINA and is certified by UL, REACH, ROHS, and ISO. The minimum order quantity is 500PCS and pricing is negotiable. Packaging is bulk and delivery time is 5-7 days. Payment terms include T/T, Paypal, Western Union, and Money gram. Our supply ability is 250,000PCS Per Month. Choose SOCAT's MF52-BH Series NTC Thermistor for reliable and customizable temperature measurement. We are a Co., Ltd enterprise type committed to providing the best products and services.

**Structure and Dimensions (Unit: mm)**



D (Max)	L1 (Max)	L2	d	L3
3.5	6.5	customizable	customizable	customizable

**Electrical Characteristics**

Part Number	Resistance (25℃) (kΩ)	B Constant (25/50℃) (K)	B Constant (25/85℃) (K)	Dissipation Factor (mW/℃)	Thermal Time Constant (s)	Operating Ambient Temperature (℃)
MF52-202F3470FB2BH	2±1%	3470±1%	--	3	12	-40~+125
MF52-202F3550FB2BH	2±1%	3550±1%	--	3	12	-40~+125
MF52-202F3580FB2BH	2±1%	3580±1%	--	3	12	-40~+125
MF52-202F3950FB2BH	2±1%	3950±1%	--	3	12	-40~+125
MF52-502F3470FB2BH	5±1%	3470±1%	--	3	12	-40~+125
MF52-502F3950FB2BH	5±1%	3950±1%	--	3	12	-40~+125
MF52-103F3380FB2BH	10±1%	3380±1%	--	3	12	-40~+125
MF52-103F3435FA2BH	10±1%	--	3435±1%	3	12	-40~+125
MF52-103F3470FB2BH	10±1%	3470±1%	--	3	12	-40~+125
MF52-103F3450FA2BH	10±1%	--	3450±1%	3	12	-40~+125
MF52-103F3950FB2BH	10±1%	3950±1%	--	3	12	-40~+125
MF52-103F3977FA2BH	10±1%	--	3977±1%	3	12	-40~+125
MF52-103F4100FB2BH	10±1%	4100±1%	--	3	12	-40~+125

MF52-153F3950FB2BH	15±1%	3950±1%	--	3	12	-40~+125
MF52-203F3950FB2BH	20±1%	3950±1%	--	3	12	-40~+125
MF52-503F3950FB2BH	50±1%	3950±1%	--	3	12	-40~+125
MF52-503F3990FB2BH	50±1%	3990±1%	--	3	12	-40~+125
MF52-503F4050FB2BH	50±1%	4050±1%	--	3	12	-40~+125
MF52-104F3950FB2BH	100±1%	3950±1%	--	3	12	-40~+125
MF52-104F3990FB2BH	100±1%	3990±1%	--	3	12	-40~+125
MF52-104F4200FB2BH	100±1%	4200±1%	--	3	12	-40~+125

**Support and Services:**

Our NTC thermistor product technical support and services include:

- Assistance with product selection and application
- Customization of NTC thermistors to meet specific requirements
- Technical consultation on product performance and specifications
- Troubleshooting and diagnosis of issues with NTC thermistors
- Repair and calibration services for NTC thermistors
- Training on proper handling and use of NTC thermistors

**Packing and Shipping:**

Product Packaging:

The NTC Thermistor product will be carefully packaged to ensure safe delivery to our customers. The product will be placed in a sturdy and secure box with appropriate cushioning material to prevent any damage during transportation.

Product Shipping:

Our company offers various shipping options to our customers, including standard shipping and expedited shipping. The shipping time will depend on the shipping option selected and the destination of the package. Once the package is shipped, customers will receive a tracking number to track the delivery status of their package.

## FAQ:

**Q1: What is the brand name of the NTC Thermistor?**

A1: The brand name of the NTC Thermistor is SOCAY.

**Q2: What is the model number of the NTC Thermistor?**

A2: The model number of the NTC Thermistor is MF52-BH Series.

**Q3: Where is the NTC Thermistor manufactured?**

A3: The NTC Thermistor is manufactured in Shenzhen Guangdong, China.

**Q4: What certifications does the NTC Thermistor have?**

A4: The NTC Thermistor is certified by UL, REACH, ROHS, and ISO.

**Q5: What is the minimum order quantity for the NTC Thermistor and what is the delivery time?**

A5: The minimum order quantity for the NTC Thermistor is 500PCS and the delivery time is 5-7 days. The price is negotiable, and the packaging details are bulk. We accept payment through T/T, Paypal, Western Union, and Money gram. Our supply ability is 250,000PCS per month.



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