



## Customizable Foot Length NTC Thermistor For Temperature Measurement Ltd Enterprise Type

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 MF52-103F3380FB2BH
- 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

- Application: Temperature Measurement
- B Constant (25/50 )(K):  $3380 \pm 1\%$
- Part Number: MF52-BH Series
- Foot Length: Customizable
- B Constant(25/85 )(K): --
- Type: Temperature Measurement NTC Thermistor
- Material: Rubber-covered Wire
- Dissipation Factor(mW/ :3
- Highlight: **Temperature Measurement NTC Thermistor,  
Ltd Enterprise Type NTC Thermistor,  
Customizable Foot Length NTC Thermistor**



### More Images



## Product Description

### Product Description:

As a Co.,Ltd enterprise, SOCAY is committed to providing high-quality electronic components. This NTC thermistor is no exception, with a dissipation factor of 3mW/. Its negative temperature coefficient (NTC) means that its resistance decreases as temperature increases, making it a thermally sensitive resistor.

In addition to its accurate temperature measurement capabilities, the MF52 Pearl-Shape Temperature Measurement NTC Thermistor is also RoHS and Halogen Free (HF) Compliant, making it an environmentally friendly choice for your electronic projects.

Whether you're building a temperature sensor or need to accurately monitor temperature changes in your device, the MF52 Pearl-Shape Temperature Measurement NTC Thermistor from SOCAY is a reliable choice. Don't settle for subpar temperature measurement – choose an NTC thermistor that can deliver accurate results every time.

### Features:

Product Name: NTC Thermistor

Enterprise Type: Co.,Ltd

Thermal Time Constant(s): 12

Part Number: MF52-BH Series 103F3380FB2BH

Dissipation Factor(mW/ ): 3

Features: MF52 Pearl-Shape Temperature Measurement NTC Thermistor

Keywords: Thermally Sensitive Resistor, Thermometric Resistor, Thermosensitive Transducer

### Technical Parameters:

Features	MF52 Pearl-Shape Temperature Measurement NTC Thermistor
Foot Length	Customizable
Standard	RoHS & Halogen Free (HF) Compliant
Application	Temperature Measurement
Operating Ambient Temperature( )	-40 ~ +125
B Constant (25/50 )(K)	3380±1%
Material	Rubber-covered Wire
Resistance(25 )(kΩ)	10±1%
Type	Temperature Measurement NTC Thermistor
Dissipation Factor(mW/ )	3

This table shows the technical parameters of a thermal resistive temperature sensor, also known as a negative temperature coefficient (NTC) thermistor. The product features a customizable foot length, is RoHS and halogen free compliant, and is designed for temperature measurement applications in an operating ambient temperature range of -40 to +125. The B constant at 25/50 is 3470±1%, and the material used is rubber-covered wire. The resistance at 25 is 2±1%, and the dissipation factor is 3 mW/.

### Applications:

One application for the MF52-BH Series NTC Thermistor is in temperature measurement. The pearl shape of the thermistor makes it easy to insert into a variety of materials, such as liquids, solids, and gases. This thermistor can be used in a variety of scenarios, such as measuring the temperature of a refrigerator, oven, or air conditioning unit.

The thermal time constant of the MF52-BH Series is 12 seconds, which means it can quickly respond to changes in temperature. This makes it ideal for use in situations where temperature changes rapidly, such as in a laboratory or manufacturing environment.

The MF52-BH Series NTC Thermistor is RoHS & Halogen Free (HF) compliant, making it an environmentally friendly option. It has a B constant (25/85 )(K) of--, which means it has a very low temperature coefficient. This makes it an ideal choice for use in precision temperature measurement applications.

The minimum order quantity for the MF52-BH Series NTC Thermistor is 500 pieces, and the price is negotiable. The packaging details are bulk, and delivery time is 5-7 days. Payment terms accepted include T/T, Paypal, Western Union, and Money Gram. The supply ability is 250,000PCS per month, ensuring that customers can always get the thermistors they need when they need them.

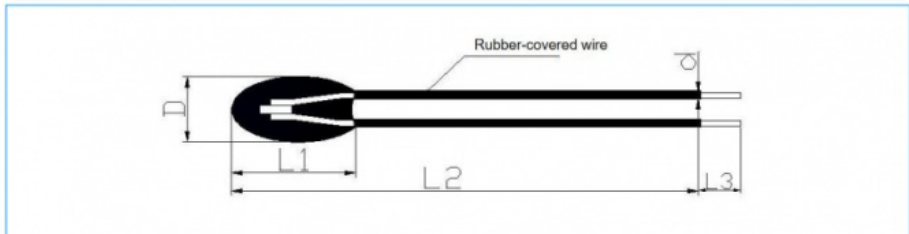
### Customization:

#### Product Customization Services for NTC Thermistor:

Brand Name: SOCAY

Model Number: MF52-BH Series  
Place of Origin: SHENZHEN GUANGDONG,CHINA  
Certification: UL,REACH,ROHS,ISO  
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  
Standard: RoHS & Halogen Free (HF) Compliant  
Foot Length: Customizable  
Part Number: MF52-BH Series  
Operating Ambient Temperature( ): -40 ~ +125  
This product is a thermometric resistor, also known as a thermally sensitive resistor or NTC.

**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 Thermistors are designed to provide accurate temperature sensing and control in a variety of applications. We offer technical support and services to ensure that our customers are able to properly use and integrate our products into their systems. Our support includes:

- Product data sheets and specifications
- Application notes and design guides
- Expert technical assistance
- Custom product design and development
- Product testing and validation
- Repair and replacement services

Our goal is to provide comprehensive support to help our customers achieve optimal performance and reliability from their NTC Thermistors.

## Packing and Shipping:

### Product Packaging:

The NTC thermistor product will be carefully packaged in a sturdy, environmentally-friendly cardboard box.

The product will be wrapped in bubble wrap to ensure that it is protected during shipping.

The box will be labeled with the product name, quantity, and any other necessary information.

### Shipping:

The NTC thermistor product will be shipped via a reputable courier service.

The shipping method will be selected based on the customer's preferences and location.

The customer will receive a tracking number once the product has been shipped.

## FAQ:

### Q: What is the brand name of this thermistor?

A: The brand name of this thermistor is SOCAY.

### Q: What is the model number of this thermistor?

A: The model number of this thermistor is MF52-BH Series.

### Q: Where is this thermistor manufactured?

A: This thermistor is manufactured in Shenzhen Guangdong, China.

### Q: What certifications does this thermistor have?

A: This thermistor has UL, REACH, ROHS, and ISO certifications.

### Q: What is the minimum order quantity for this thermistor?

A: The minimum order quantity for this thermistor is 500PCS.

### Q: What is the price of this thermistor?

A: The price of this thermistor is negotiable.

### Q: What are the packaging details for this thermistor?

A: The packaging details for this thermistor are bulk.

### Q: What is the delivery time for this thermistor?

A: The delivery time for this thermistor is 5-7 days.

### Q: What are the payment terms for this thermistor?

A: The payment terms for this thermistor are T/T, Paypal, Western Union, and Money gram.

### Q: What is the supply ability of this thermistor per month?

A: The supply ability of this thermistor is 250,000PCS per month.



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