



## MF52-BH Series 5±1% NTC Thermistor For Customizable Foot Length 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

- Material: Rubber-covered Wire
- Foot Length: Customizable
- Operating Ambient Temperature (°C): -40 ~ +125
- Standard: RoHS & Halogen Free (HF) Compliant
- B Constant (25/50 °C)(K): 3470±1%
- Part Number: MF52-BH Series
- Dissipation Factor(mW/°C): 3
- Enterprise Type: Co., Ltd
- Highlight: **Accurate NTC Thermistor,  
MF52-BH Series NTC Thermistor,  
Customizable Foot Length NTC Thermistor**



### More Images



## Product Description

### Product Description:

One of the most remarkable features of this NTC thermistor is its thermal time constant. With a thermal time constant of 12 seconds, this thermistor is ideal for applications that require quick and accurate temperature measurement. The thermal time constant is the time it takes for the thermistor to reach 63.2% of its final resistance value when subjected to a step change in temperature.

This SOCAP NTC Thermistor has a B constant of  $3470 \pm 1\%$  at 25/50. The B constant, also known as the beta value, is a measure of the sensitivity of the thermistor to temperature changes. A high beta value means that the thermistor is highly sensitive to temperature changes, while a low beta value indicates low sensitivity.

This NTC thermistor is a Temperature Measurement NTC Thermistor, which means that it is specifically designed for temperature measurement applications. Temperature Measurement NTC Thermistors are ideal for use in applications where high accuracy and stability are required.

SOCAY is the brand name of this NTC Thermistor. SOCAP is a renowned brand known for producing high-quality electronic components, especially thermistors. This thermistor is manufactured by SOCAP Co., Ltd., a company that specializes in the production of electronic components. As an enterprise, SOCAP Co., Ltd. is dedicated to providing high-quality electronic components that meet the needs and requirements of their customers.

### Features:

Product Name: NTC Thermistor

Thermosensitive Transducer

Thermistor Temperature Sensor

NTC Temperature Probe

Thermal Time Constant(s): 12

Operating Ambient Temperature( ): -40 ~ +125

Application: Temperature Measurement

Resistance(25 )(k $\Omega$ ):  $5 \pm 1\%$

Enterprise Type: Co.,Ltd

### Technical Parameters:

Standard:	RoHS & Halogen Free (HF) Compliant
Enterprise Type:	Co.,Ltd
Dissipation Factor(mW/ ):	3
Part Number:	MF52-BH Series
B Constant (25/50 )(K):	$3470 \pm 1\%$
Features:	MF52 Pearl-Shape Temperature Measurement NTC Thermistor
Operating Ambient Temperature( ):	-40 ~ +125
Type:	Temperature Measurement NTC Thermistor
Material:	Rubber-covered Wire
Resistance(25 )(k $\Omega$ ):	$5 \pm 1\%$

This product is a thermal resistive temperature sensor, also called an NTC thermally sensitive device or thermal resistor element.

### Applications:

The SOCAP MF52-BH NTC Thermistor is manufactured in SHENZHEN GUANGDONG, CHINA and is certified with UL, REACH, ROHS, and ISO. It has a B constant of  $3470 \pm 1\%$  (25/50) and a thermal time constant of 12 seconds. The NTC thermistor is a type of resistor whose resistance decreases as its temperature increases. This makes it an ideal component for temperature measurement applications. The SOCAP MF52-BH NTC Thermistor has a wide range of product application occasions and scenarios. It can be used in temperature sensing applications such as temperature control in home appliances, HVAC systems, and industrial equipment. It is also used in medical equipment such as thermometers and incubators. The NTC thermistor is also used in automotive applications such as engine temperature monitoring and battery temperature sensing.

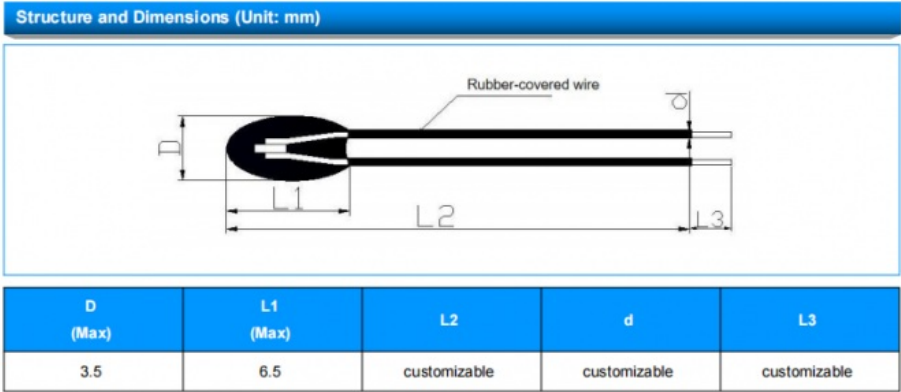
The SOCAP MF52-BH NTC Thermistor is available for purchase in bulk with a minimum order quantity of 500 pieces. The price is negotiable and the packaging details are bulk. The delivery time is 5-7 days and payment terms are T/T, Paypal, Western Union, and Money gram. The NTC thermistor has a supply ability of 250,000PCS per month.

The SOCAP MF52-BH NTC Thermistor is made of rubber-covered wire that ensures durability and reliability. It is a highly accurate and reliable thermally sensitive resistor that can be used in a wide range of temperature measurement applications. With its B constant of  $3470 \pm 1\%$  (25/50) and thermal time constant of 12 seconds, the SOCAP MF52-BH NTC Thermistor is a must-have component for

temperature measurement applications.

Customization:

The NTC Thermistor is produced in SHENZHEN GUANGDONG,CHINA and is certified with UL, REACH, ROHS, and ISO. The minimum order quantity is 500PCS and the price is negotiable. The packaging details for this product is bulk and the delivery time is estimated to be 5-7 days. Payment terms accepted include T/T, Paypal, Western Union, and Money gram. The supply ability for the NTC Thermistor is 250,000PCS per month. The part number for this product is MF52-BH Series and the enterprise type is Co.,Ltd.



Support and Services:

Our NTC Thermistor product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide guidance on product selection and application-specific solutions. We also offer customized testing, calibration, and packaging services to meet your unique requirements. Additionally, we provide ongoing technical support and troubleshooting assistance to help you resolve any issues you may encounter. Our goal is to deliver high-quality products and services that exceed your expectations and meet your business needs.