



Customizable Foot Length NTC Thermistor with B Constant $3470 \pm 1\%$ and Resistance $2 \pm 1\%$ at 25C

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

- Enterprise Type: Co., Ltd
- Foot Length: Customizable
- Application: Temperature Measurement
- B Constant (25/50)(K): $3470 \pm 1\%$
- Type: Temperature Measurement NTC Thermistor
- Resistance(25)(k Ω): $2 \pm 1\%$
- Material: Rubber-covered Wire
- Highlight: **25C NTC Thermistor, Customizable Foot Length NTC Thermistor, NTC Thermistor with B Constant**



More Images



Product Description

Product Description:

The NTC thermistor is made of high-quality rubber-covered wire, which provides excellent durability and resistance to mechanical stress and environmental hazards. It conforms to the RoHS (Restriction of Hazardous Substances) and Halogen Free (HF) compliant standards, which ensures that it does not contain harmful substances that can negatively impact the environment and human health.

The NTC thermistor features an MF52 pearl-shape design, which allows it to provide accurate and stable temperature measurements over a wide range of temperatures. It has a customizable foot length, which makes it easy to integrate into various electronic devices and circuits. Additionally, it has a B constant of 25/85 (K), which is a measure of its temperature sensitivity. This value indicates the rate of change of the thermistor's resistance with respect to temperature.

The NTC thermistor is widely used in various applications, including temperature sensing and control in HVAC systems, food processing, automotive, medical, and industrial equipment. It is also commonly used in battery management systems, power supplies, and electronic circuits that require accurate temperature measurement and control.

Features:

Product Name: NTC Thermistor

Application: Temperature Measurement

Foot Length: Customizable

Type: Temperature Measurement NTC Thermistor

Material: Rubber-covered Wire

Features: MF52 Pearl-Shape Temperature Measurement NTC Thermistor

Keywords: Negative Temperature Coefficient Resistor, Negative Temperature Coefficient Thermistor, Thermometric Resistor

Technical Parameters:

Type	Temperature Measurement NTC Thermistor
Brand Name	SOCAY
Thermal Time Constant(s)	12
Standard	RoHS & Halogen Free (HF) Compliant
B Constant (25/50)(K)	3950±1%
Enterprise Type	Co,Ltd
B Constant(25/85)(K)	--
Dissipation Factor(mW/)	3
Resistance(25)(kΩ)	2±1%
Part Number	MF52-BH Series

This is a table of technical parameters for the SOCAY NTC Thermistor, which is a type of negative temperature coefficient resistor also known as a thermal resistive temperature sensor. It has a thermal time constant of 12 seconds and a B constant (25/50)(K) of 3470±1%. It is RoHS & Halogen Free (HF) Compliant and has a dissipation factor of 3 mW/. Its resistance at 25 is 2±1% kΩ. Its part number is MF52-BH Series and it is manufactured by Co,Ltd.

Applications:

The MF52-BH Series thermistor is a cost-effective solution for temperature measurement in various scenarios. It is commonly used in household appliances such as air conditioners, refrigerators, and water heaters to regulate temperature and prevent overheating.

In the automotive industry, the MF52-BH Series is utilized in temperature sensing applications in engines, radiators, and air conditioning systems. It is also used in industrial automation, where it helps regulate temperature in machinery and manufacturing processes.

The MF52-BH Series NTC Thermistor is designed to provide accurate temperature measurement in a compact and durable package. It is RoHS and Halogen Free (HF) Compliant, making it environmentally friendly and safe to use.

The foot length of the thermistor is customizable, allowing it to fit various types of applications. The minimum order quantity is 500PCS, and the supply ability is 250,000PCS per month. The price is negotiable, and payment terms include T/T, Paypal, Western Union, and Money gram.

In summary, the SOCAY MF52-BH Series NTC Thermistor Temperature Sensor is a reliable and cost-effective solution for temperature measurement in various scenarios. Its compact design, customizable foot length, and RoHS compliance make it an ideal choice for temperature sensing applications.

Customization:

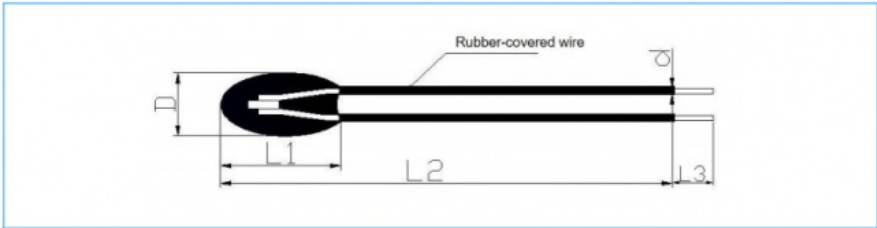
Looking for a customizable NTC thermally sensitive device to fit your specific needs? Look no further than SOCAY's MF52-BH Series NTC thermistor!

Our thermometric resistor is made in SHENZHEN GUANGDONG, CHINA and is certified by UL, REACH, ROHS, and ISO standards. With a minimum order quantity of 500PCS, our prices are negotiable and we offer bulk packaging with a delivery time of 5-7 days. We accept T/T, Paypal, Western Union, and Money Gram payments, and have a supply ability of 250,000PCS per month. Our NTC thermistor features a customizable foot length and is RoHS and Halogen Free (HF) Compliant.

Part of the MF52-BH Series, our NTC thermistor is a pearl-shape temperature measurement device that can be tailored to your specific requirements. Trust SOCAY, a Co.Ltd enterprise, to provide you with the highest quality NTC thermistor on the market.

Keywords: NTC Thermally Sensitive Device, Thermometric Resistor, NTC

Structure and Dimensions (Unit: mm)



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

Support and Services:

- The NTC Thermistor product technical support and services include:
- Technical documentation such as datasheets, application notes, and user guides.
 - Assistance with product selection and customization.
 - Troubleshooting and problem-solving support.
 - Design and engineering consultation.
 - Training and education on product use and best practices.
 - Warranty and repair services.

 **SOCAY® Shenzhen Socay Electronics Co., Ltd.**

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