



Temperature Measurement Thermistor With Durable Rubber-covered Wire Material

Our Product Introduction

for more products please visit us on socaydiode.com

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

- Thermal Time Constant(s): 12
- Standard: RoHS & Halogen Free (HF) Compliant
- Resistance(25 °C)(kΩ): $10 \pm 1\%$
- Dissipation Factor(mW/°C): 3
- Material: Rubber-covered Wire
- B Constant (25/50 °C)(K): --
- Operating Ambient Temperature(°C): -40 ~ +125
- Type: Temperature Measurement NTC Thermistor
- Highlight: **Durable Rubber-covered Wire Thermistor, Temperature Measurement Thermistor**



More Images



Product Description

Product Description:

Our NTC Thermistor Temperature Sensor Probe is RoHS and Halogen Free (HF) Compliant, which means it is made with materials that are safe for the environment and for human health. This product is also made with rubber-covered wire, which makes it resistant to damage and wear and tear.

The B Constant (25/85)(K) for our NTC Thermistor Temperature Sensor Probe is not specified, but this product has a Thermal Time Constant of 12 seconds. This means that it can sense temperature changes quickly and respond to them in a timely manner.

Our NTC Thermistor Temperature Sensor Probe has a Dissipation Factor of 3 mW/ , which means it can handle a high amount of power without overheating or malfunctioning. This makes it a reliable and durable solution for temperature measurement in a wide range of applications.

The NTC Thermistor Temperature Sensor Probe is a versatile and useful tool for anyone who needs to measure temperature in a variety of settings. Whether you are working in a laboratory, manufacturing facility, or outdoor environment, this product can help you accurately measure temperature and ensure that your processes are running smoothly.

Features:

Product Name: NTC Thermistor

Brand Name: SOCAT

Application: Temperature Measurement

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

B Constant(25/85)(K): 3435 $\pm$ 1%

Enterprise Type: Co.,Ltd

This NTC Thermistor product from SOCAT is a type of thermistor temperature sensor, also known as a negative temperature coefficient resistor or thermometric resistor. It is designed for temperature measurement applications and has a B constant of 3470 $\pm$ 1% at 25/50 and -- at 25/85 .

Technical Parameters:

Standard	RoHS & Halogen Free (HF) Compliant
Thermal Time Constant(s)	12
Brand Name	SOCAT
Type	Temperature Measurement NTC Thermistor
Operating Ambient Temperature()	-40 ~ +125
Foot Length	Customizable
Material	Rubber-covered Wire
B Constant (25/50)(K)	--
Part Number	MF52-BH Series MF52-103F3435FA2BH
Features	MF52 Pearl-Shape Temperature Measurement NTC Thermistor

This product is a type of thermosensitive transducer known as a negative temperature coefficient (NTC) thermistor. It is used as a temperature probe and has a thermal time constant of 12 seconds. The brand name of this product is SOCAT and it is RoHS & Halogen Free (HF) Compliant. The operating ambient temperature range is -40 to +125 and the foot length is customizable. The material used for this thermistor is rubber-covered wire. The B constant (25/50)(K) of this thermistor is 3470 $\pm$ 1%. The part number for this product is MF52-BH Series and it features a pearl-shape design.

Applications:

The SOCAT MF52-BH Series NTC Thermistor is made in SHENZHEN GUANGDONG,CHINA, and is certified with UL, REACH, ROHS, and ISO. It is a perfect choice for those who want a reliable and high-quality product. The minimum order quantity is 500PCS, and the price is negotiable. The packaging details are bulk, and the delivery time is 5-7 days. The payment terms are T/T, Paypal, Western Union, and Moneygram. The supply ability is 250,000PCS per month. The part number is MF52-BH Series, and the foot length is customizable. The SOCAT MF52-BH Series NTC Thermistor is a pearl-shaped temperature measurement NTC Thermistor with a B constant (25/50) (K) of 3470 $\pm$ 1%. It is perfect for a wide range of applications, including temperature measurement in industrial machinery, household appliances, and medical devices. The device is easy to use and provides accurate temperature readings.

Some of the product application occasions and scenarios for the SOCAT MF52-BH Series NTC Thermistor include:

Temperature measurement in industrial machinery, including motors, generators, and transformers.

Temperature measurement in household appliances, including refrigerators, ovens, and air conditioners.

Temperature measurement in medical devices, including thermometers and blood pressure monitors.

Temperature measurement in automotive applications, including engine temperature monitoring and climate control systems. Overall, the SOCAY MF52-BH Series NTC Thermistor is an excellent choice for anyone looking for a reliable and accurate temperature measurement device. Its high-quality construction, customizable foot length, and pearl-shaped design make it perfect for a wide range of applications. So, whether you're working in an industrial setting or need to measure the temperature of your home appliances, the SOCAY MF52-BH Series NTC Thermistor is the perfect choice for you.

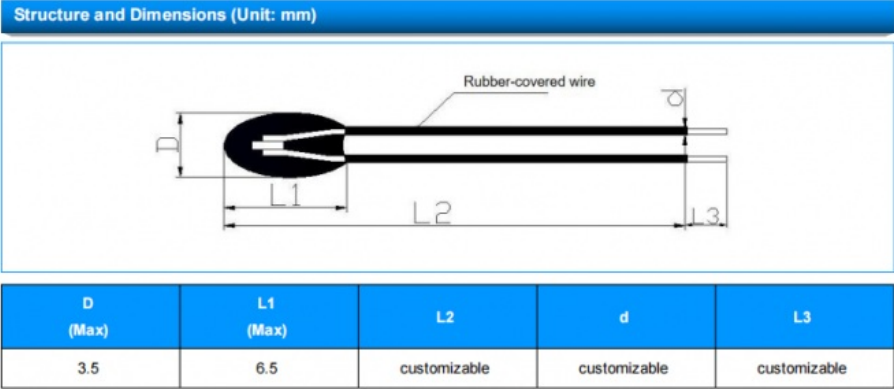
Customization:

Made with rubber-covered wire and boasting a B Constant (25/50)(K) of 3470±1%, this negative temperature coefficient resistor is reliable and accurate. It has a wide operating ambient temperature range of -40 ~ +125 , making it suitable for a variety of applications. Our NTC thermistor is UL, REACH, ROHS, and ISO certified, ensuring the highest quality and safety standards. Our minimum order quantity is 500PCS, and our supply ability is 250,000PCS per month. The price is negotiable and we accept payment through T/T, Paypal, Western Union, and Money gram.

As a Co, Ltd enterprise based in SHENZHEN GUANGDONG, CHINA, we take pride in our product customization services. Our packaging details are bulk and delivery time is 5-7 days.

Choose the SOCAY MF52-BH Series NTC thermistor for your next project and experience the precision and reliability of our customizable NTC thermistors.

Part Number: MF52-BH Series MF52-103F3435FA2BH



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 integration
 - Technical guidance for proper usage and installation
 - Troubleshooting and repair services

- Calibration and testing services
- Warranty support and replacement services

Packing and Shipping:

Product Packaging:

The NTC Thermistor product will be packaged in a sturdy cardboard box to protect it from any damage during shipping. The product will be wrapped in bubble wrap to provide extra cushioning and prevent any scratches or cracks.

Shipping:

The NTC Thermistor product will be shipped via standard shipping method, such as UPS or FedEx. The shipping cost will be calculated based on the weight and destination of the package. The estimated delivery time will be provided at the time of purchase.

FAQ:

Q1: What is the brand name of this NTC thermistor?

A1: The brand name of this NTC thermistor is SOCAY.

Q2: What is the model number of this NTC thermistor?

A2: The model number of this NTC thermistor is MF52-BH Series.

Q3: Where is this NTC thermistor manufactured?

A3: This NTC thermistor is manufactured in SHENZHEN GUANGDONG, CHINA.

Q4: What certifications does this NTC thermistor have?

A4: This NTC thermistor has UL, REACH, ROHS, ISO certifications.

Q5: What is the minimum order quantity for this NTC thermistor?

A5: The minimum order quantity for this NTC thermistor is 500PCS.

Q6: What is the price of this NTC thermistor?

A6: The price of this NTC thermistor is negotiable.

Q7: What is the packaging detail for this NTC thermistor?

A7: The packaging detail for this NTC thermistor is Bulk.

Q8: What is the delivery time for this NTC thermistor?

A8: The delivery time for this NTC thermistor is 5-7 days.

Q9: What are the payment terms for this NTC thermistor?

A9: The payment terms for this NTC thermistor are T/T, Paypal, Western Union, Money gram.

Q10: What is the supply ability for this NTC thermistor?

A10: The supply ability for this NTC thermistor is 250,000PCS per month.



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,
GuangDong Province, China