



## 3470±1% B Constant NTC Thermistor with 12s Thermal Time Constant and 5±1% Resistance

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: SHENZHEN GUANGDONG, CHINA
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: MF52-AD Series 502F3470FB1AD
- 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
- Material: Enamelled Wire
- Dissipation Factor(mW/ :3
- Resistance(25 )(kΩ): 5±1%
- Type: Temperature Measurement NTC Thermistor
- B Constant (25/50 )(K): 3470±1%
- Operating Ambient Temperature( ): -40 ~ +125
- B Constant(25/85 )(K): --
- Highlight: 12s Thermal Time Constant NTC Thermistor, 3470±1% B Constant NTC Thermistor, 5±1% Resistance NTC Thermistor



### More Images



## Product Description

### Product Description:

The SOCAT NTC Thermistor features a pearl-shaped design, which allows it to measure temperature faster and more effectively than other thermal resistive temperature sensors. Its unique design also makes it easy to install and use, and it is compatible with a wide range of devices and machines.

This Temperature Measurement NTC Thermistor is made with high-quality enamelled wire, ensuring that it is durable and long-lasting. It can withstand extreme temperatures and harsh environments, making it suitable for use in a wide range of applications. With a foot length of up to 200mm, it can be used in various settings and configurations.

Overall, the SOCAT NTC Thermistor is a reliable and efficient temperature measurement solution that can help you monitor and control temperature with ease. Whether you are working in a laboratory, a manufacturing facility, or any other setting that requires precise temperature monitoring, this Thermistor is the ideal choice for you.

### Features:

Product Name: NTC Thermistor

Operating Ambient Temperature( ): -40 ~ +125

Material: Enamelled Wire

Dissipation Factor(mW/ ): 3

Brand Name: SOCAT

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

This product is a Thermal Resistive Temperature Sensor, also known as NTC Thermally Sensitive Device or Negative Temperature Coefficient Thermistor.

### Technical Parameters:

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Features                         | MF52 Pearl-Shape Temperature Measurement NTC Thermistor |
| Operating Ambient Temperature( ) | -40 ~ +125                                              |
| Resistance(25 )(k $\Omega$ )     | 5 $\pm$ 1%                                              |
| Thermal Time Constant(s)         | 12                                                      |
| Standard                         | RoHS & Halogen Free (HF) Compliant                      |
| Application                      | Temperature Measurement                                 |
| Enterprise Type                  | Co,Ltd                                                  |
| B Constant(25/85 )(K)            | --                                                      |
| Foot Length                      | Up To 200mm In Length                                   |
| Part Number                      | MF52-AD Series 502F3470FB1AD                            |

This is a Negative Temperature Coefficient Resistor (NTC) or Thermosensitive Transducer.

### Applications:

The SOCAT NTC thermistor, model number MF52-AD Series, is a type of negative temperature coefficient resistor that is commonly used as a thermal resistive temperature sensor. This product is designed and manufactured in SHENZHEN GUANGDONG, CHINA, and comes with UL, REACH, ROHS, and ISO certifications.

The SOCAT NTC thermistor has a minimum order quantity of 500PCS, and the price is negotiable. The packaging details for this product are bulk, and the delivery time is 5-7 days. Payment terms include T/T, Paypal, Western Union, and Money gram. The supply ability is 250,000PCS per month.

The thermal time constant for the SOCAT NTC thermistor is 12 seconds, and the resistance at 25 is 5 $\pm$ 1%. This product is designed to operate in an ambient temperature range of -40 ~ +125 , making it suitable for a wide range of applications.

The SOCAT NTC thermistor's primary function is to measure temperature. It can be used in a variety of different scenarios, such as:

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

Temperature monitoring in industrial and manufacturing processes

Temperature measurement in medical equipment

Temperature compensation in electronic circuits

The SOCAT NTC thermistor is made from enamelled wire, which ensures its durability and high performance. It is a reliable and accurate tool for measuring temperature and can be used in a wide range of applications.

## Customization:

Our minimum order quantity is 500PCS and the price is negotiable. Packaging details are bulk and delivery time is 5-7 days. Payment terms include T/T, Paypal, Western Union, and Money Gram. We have a supply ability of 250,000PCS per month and our thermal time constant is 12 seconds.

The MF52-AD Series NTC Thermistor is a pearl-shaped temperature measurement NTC Thermistor that is perfect for various applications. Contact us today to learn more about our Product Customization Services and how we can help you customize the NTC Thermistor to fit your specific needs.

## Support and Services:

The NTC Thermistor product technical support and services include:

Expert technical assistance for product selection and application

Customization of NTC thermistors to meet specific customer needs and requirements

Design and engineering support for integrating NTC thermistors into customer products

Testing and evaluation services to ensure product performance and reliability

Repair and replacement services for defective or damaged NTC thermistors

Training and education on NTC thermistor technology and applications

## Packing and Shipping:

Product Packaging:

The NTC Thermistor product is packaged in a sturdy, compact box to ensure safe transportation. The box is designed to protect the product from any damage during shipping and handling.

Product Shipping:

We offer worldwide shipping for the NTC Thermistor product. The product will be shipped within 2 business days after the order is placed.

Shipping times may vary depending on the destination, but typically take between 7-14 days for international orders. We use reliable shipping carriers to ensure timely and safe delivery of the product to our customers.



## FAQ:

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

A1: The brand name of this NTC Thermistor is SOCAT.

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

A2: The model number of this NTC Thermistor is MF52-AD Series 502F3470FB1AD.

**Q3: Where is this NTC Thermistor made?**

A3: This NTC Thermistor is made in SHENZHEN GUANGDONG, CHINA.

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

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

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

A5: The minimum order quantity for this NTC Thermistor is 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



+8618126201429



sylvia@socay.com



socaydiode.com

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