



## Halogen Free Precision Ntc Thermistor Ntc with RoHS Compliance 3s Thermal Time Constant

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: SN0402-F Series SN0402X104F4250FB
- Minimum Order Quantity: 10000PCS
- 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

- Features: High Precision Product Type
- Resistance(25 )(k $\Omega$ ):  $100 \pm 1\%$
- Thermal Time Constant(s): 3
- Enterprise Type: Co, Ltd
- B Constant (25/50 )(K):  $4250 \pm 1\%$
- Standard: RoHS & Halogen Free (HF) Compliant
- B Constant(25/85 )(K): --



### More Images



## Product Description

### Product Description:

The NTC Thermistor has a Dissipation Factor of 1 mW/ , which means it can dissipate 1 milliwatt of power for every 1 degree Celsius increase in temperature. This makes it ideal for use in high-temperature applications where heat dissipation is important.

The NTC Thermistor has a B Constant of  $4250 \pm 1\%$  (25/50 ), which is a measure of the thermistor's temperature sensitivity. This value indicates that the thermistor's resistance changes by 4250 parts per million (ppm) for every 1 degree Celsius change in temperature between 25 and 50 . This makes the NTC Thermistor highly accurate and reliable for temperature measurement and control.

The NTC Thermistor has a B Constant of -- (25/85 ), which indicates that it has a limited temperature range. It is not recommended for use in applications where temperatures exceed 50 .

The NTC Thermistor is commonly used in electronic products for temperature measurement and control, such as in thermostats, temperature sensors, and temperature compensation circuits. It is also used in industrial applications, such as in heating and cooling systems, and in automotive applications, such as in engine and exhaust gas temperature sensors.

In summary, the NTC Thermistor is a highly accurate and reliable temperature sensor that is ideal for use in electronic products, industrial applications, and automotive applications. It has a Dissipation Factor of 1 mW/ , a B Constant of  $3380 \pm 1\%$  (25/50 ), and is made of ceramic material for high stability and reliability.

### Features:

Product Name: NTC Thermistor

Enterprise Type: Co,Ltd

Thermosensitive Transducer

Negative Temperature Coefficient Thermistor

Thermal Time Constant(s): 3

Rated Electric Power (25 )(mW): 100

B Constant (25/50 )(K):  $4250 \pm 1\%$

Operating Ambient Temperature( ): -40 ~ +125

### Technical Parameters:

Rated Electric Power (25 )(mW)	100
Thermal Time Constant(s)	3
Material	Ceramic
B Constant (25/50 )(K)	$4250 \pm 1\%$
Type	Chip NTC Thermistor
Operating Ambient Temperature( )	-40 ~ +125
B Constant(25/85 )(K)	--
Brand Name	SOCAY
Part Number	SN0402-X Series SN0402X104F4250FB
Dissipation Factor(mW/ )	1

This product is a Thermal Resistor Element, also known as Negative Temperature Coefficient Thermistor (NTC Thermistor).

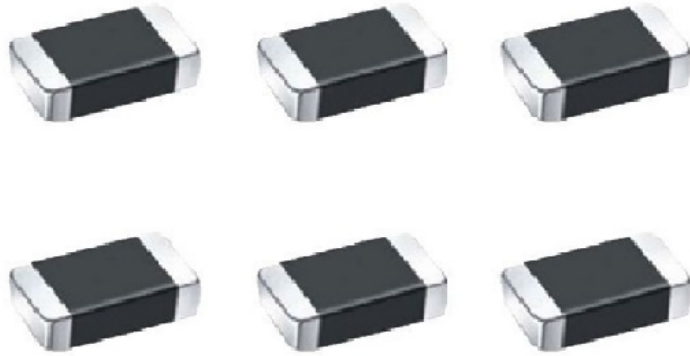
### Applications:

The SN0402-F Series SN0402X104F4250FB is manufactured in SHENZHEN GUANGDONG,CHINA and has been certified by UL, REACH, ROHS, and ISO. It has a minimum order quantity of 10000PCS and is available at a negotiable price. The product is packaged in bulk and can be delivered within 5-7 days. Payment terms accepted include T/T, Paypal, Western Union, and Money gram. The SOCAY SN0402-F Series has a supply ability of 250,000PCS per month, making it readily available for industrial and commercial applications. The SN0402-F Series NTC Thermistor has a Thermal Time Constant of 3 and a B Constant (25/50 )(K) of  $4250 \pm 1\%$ . This makes it ideal for applications that require accurate temperature measurement and control. The product is RoHS & Halogen Free (HF) Compliant, making it safe for use in various industries.

The SOCAY SN0402-F Series SN0402X104F4250FB NTC Thermally Sensitive Device is suitable for a wide range of electronic products such as power supplies, inverters, battery chargers, air conditioners, and refrigerators. The Thermal Resistor Element is designed to detect and regulate temperature changes in these devices, ensuring optimal performance and longevity.

The SOCAY SN0402-F Series SN0402X104F4250FB NTC Thermally Sensitive Device is a reliable and high-performance product that meets the demands of modern electronic devices and appliances. It is a must-have for any industry that requires accurate temperature measurement and control.

## Customization:



## Support and Services:

Our NTC thermistor products are designed to provide reliable temperature sensing solutions for a wide range of applications. We offer technical support and services to ensure that our customers can maximize the performance and longevity of their NTC thermistors.

Our technical support team is available to answer any questions related to the installation, operation, and maintenance of our NTC thermistor products. We can also provide guidance on selecting the appropriate thermistor for a specific application.

In addition to technical support, we also offer various services, including customization and design assistance. Our experienced engineers can work with customers to develop customized solutions that meet their specific requirements.

We are committed to providing high-quality products and services to our customers. Contact us today to learn more about how we can help with your NTC thermistor needs.



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