



## RoHS Compliant Ceramic Chip NTC Thermistor 3s Time Constant for SN0402-X Series

Our Product Introduction

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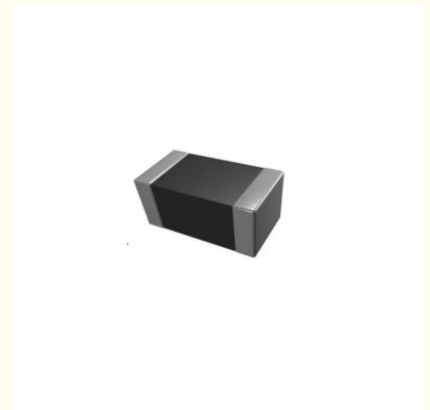
### Basic Information

- Place of Origin: SHENZHEN GUANGDONG, CHINA
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: SN0402X103F3450FB
- 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

- Part Number: SN0402-X Series SN0402X103F3450FB
- Thermal Time Constant(s): 3
- Type: Chip NTC Thermistor
- Material: Ceramic
- Resistance(25 )(kΩ): 10±1%
- Dissipation Factor(mW/ :1
- Standard: RoHS & Halogen Free (HF) Compliant



### More Images



## Product Description

### Product Description:

The SN0402-X Series SN0402X103F3450FB NTC Thermistor is engineered to offer exceptional performance in challenging environments. It has an operating ambient temperature range of  $-40 \sim +125$ , which ensures accurate temperature measurement even in extreme temperatures. This makes it suitable for use in a wide range of industrial, automotive, and consumer electronics applications. As a product of SOCAY, a Co, Ltd enterprise, the SN0402-X Series SN0402X103F3450FB NTC Thermistor is manufactured to the highest quality standards. It is designed to comply with RoHS and Halogen Free (HF) standards, making it an eco-friendly choice for customers who are committed to sustainability.

Overall, the SN0402-X Series SN0402X103F3450FB NTC Thermistor is a reliable and accurate temperature sensing solution that is suitable for use in a wide range of applications. Its exceptional performance, high-quality construction, and eco-friendly design make it an ideal choice for customers who are looking for a thermally sensitive resistor that delivers outstanding performance and reliability.

### Features:

Product Name: NTC Thermistor

Part Number: SN0402-X Series SN0402X103F3450FB

Features:

High Precision Product Type

Type: Chip NTC Thermistor

Application: Electronic Products

B Constant (25/50 )(K):  $3450 \pm 1\%$

This product is a type of **Negative Temperature Coefficient Resistor** or **NTC Thermistor**, also known as a **Thermometric Resistor**.

### Technical Parameters:

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Material                         | Ceramic                              |
| Rated Electric Power (25 )(mW)   | 100                                  |
| Operating Ambient Temperature( ) | $-40 \sim +125$                      |
| Brand Name                       | SOCAY                                |
| Application                      | Electronic Products                  |
| B Constant(25/85 )(K)            | --                                   |
| B Constant (25/50 )(K)           | $3450 \pm 1\%$                       |
| Thermal Time Constant(s)         | 3                                    |
| Part Number                      | SN0402-X Series<br>SN0402X103F3450FB |
| Enterprise Type                  | Co,Ltd                               |

This product is an NTC Thermistor or Thermosensitive Transducer, which is a type of Thermal Resistor Element.

### Applications:

This NTC Thermistor has a B Constant (25/50 )(K) of  $3450 \pm 1\%$ , with a thermal time constant of 3. The resistance at 25 is  $10 \pm 1\%$ . This product is suitable for a variety of occasions and scenarios, including temperature measurement and control, over-temperature protection, and temperature compensation. It is commonly used in electronic products, such as power supplies, battery packs, chargers, and LED lighting products.

The SOCAY SN0402-F Series SN0402X103F3450FB NTC Thermistor is an essential component for electronic products that require temperature control and measurement. Its high precision and accuracy make it a reliable choice for various applications. Whether you're designing a new product or upgrading an existing one, this thermistor is an excellent choice. It ensures that your product operates within safe temperature limits and provides accurate temperature readings.

### Customization:

Our NTC Thermistors come with a variety of customization options to perfectly fit your needs. They're manufactured in SHENZHEN GUANGDONG, CHINA and are certified with UL, REACH, ROHS, and ISO. Our minimum order quantity is 10000PCS and the price is negotiable. We package our products in bulk and have a supply ability of 250,000PCS per month.

Our SN0402-F Series NTC Thermistors have a rated electric power of 100mW at 25 and a resistance of  $10 \pm 1\%$  (k $\Omega$ ) at the same temperature. They have a B constant of -- at 25/85.

Our delivery time is 5-7 days and we accept payment via T/T, Paypal, Western Union, and Money gram.

## Support and Services:

Our NTC thermistors are high-quality temperature sensors that offer reliable and accurate temperature measurements. We provide a range of technical support and services to ensure that our customers can get the most out of their thermistors:

Technical support for product selection and application

Customized thermistor design and development

Thermistor testing and calibration services

Training and education on NTC thermistors and their applications

Our team of experts is committed to providing exceptional service and support to our customers. Contact us to learn more about our NTC thermistor technical support and services.



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