

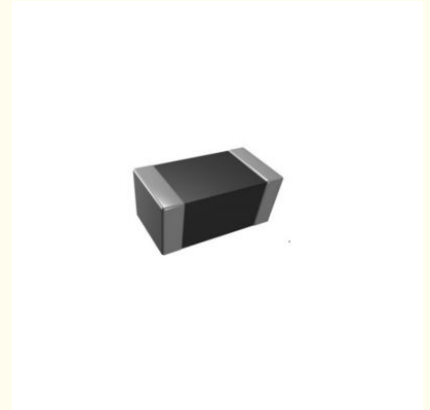
## Precision Ceramic Chip NTC Thermistor Operating -40 ~ 125 Temperature Sensor

Our Product Introduction

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

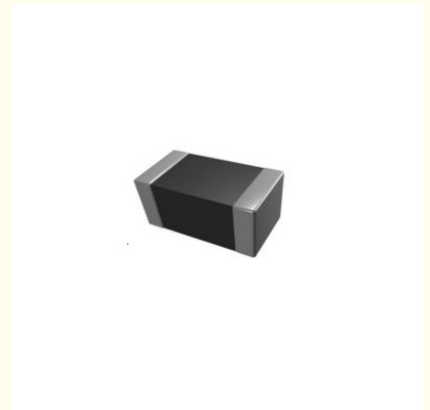
### Basic Information

- Place of Origin: SHENZHEN GUANGDONG, CHINA
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: SN0402X103F3380FB
- 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
- B Constant(25/85 )(K): --
- Type: Chip NTC Thermistor
- Material: Ceramic
- Enterprise Type: Co., Ltd
- Resistance(25 )(kΩ): 10±1%
- Operating Ambient Temperature( ): -40 ~ +125
- Application: Electronic Products



### More Images



## Product Description

### Product Description:

With a rated electric power of 100mW at 25 and a thermal time constant of 3 seconds, the SN0402-X Series provides accurate and fast temperature measurement in a compact and convenient package. Its resistance at 25 is  $10\pm1\%$ , ensuring that it delivers consistent and dependable performance over a wide range of temperatures.

Not only is the SN0402-X Series highly effective at temperature sensing, but it is also designed with environmental responsibility in mind. It is RoHS and Halogen Free (HF) Compliant, making it a safe and sustainable choice for any application.

Whether you are seeking a thermistor for use in medical devices, HVAC systems, or other temperature-sensitive applications, the SN0402-X Series is a reliable and versatile choice. With its precise temperature sensing capabilities and environmentally responsible design, it is an excellent choice for any application that demands accurate and dependable temperature measurement.

### Features:

**Product Name:** Chip NTC Thermistor

**Resistance(25 )(k $\Omega$ ):**  $10\pm1\%$

**Material:** Ceramic

**B Constant(25/85 )(K):** --

**Part Number:** SN0402-X Series SN0402X103F3380FB

**B Constant(25/50 )(K):**  $3380\pm1\%$

The NTC Thermistor is a type of NTC thermally sensitive device, which is a thermal resistor element used to measure temperature in circuits.

### Technical Parameters:

Brand Name:	SOCAY
Enterprise Type:	Co,Ltd
Part Number:	SN0402-X Series SN0402X103F3380FB
Application:	Electronice Products
Features:	High Precision Product Type
Thermal Resistor Element:	NTC Thermistor
Negative Temperature Coefficient Thermistor:	Yes
Resistance(25 )(k $\Omega$ ):	$10\pm1\%$
B Constant (25/50 )(K):	$3380\pm1\%$
Rated Electric Power (25 )(mW):	100
Dissipation Factor(mW/ ):	1
Thermal Time Constant(s):	3

### Applications:

Our SOCAY SN0402-F Series SN0402X103F3380FB NTC Thermistor Temperature Sensor is a thermally sensitive resistor that is designed to measure temperature in various applications. With its high precision and reliable performance, it is widely used in different scenarios.

This thermistor temperature sensor is made of ceramic material, which is known for its excellent heat resistance and durability. With an operating ambient temperature range of -40 to +125 , it can withstand extreme temperatures, making it ideal for use in harsh environments.

The SN0402-F Series **SN0402X103F3380FB** NTC Thermistor is certified by UL, REACH, ROHS, and ISO, ensuring that it meets the highest industry standards for quality and safety. It has a B constant of 25/85 , which means that it has a highly stable resistance-temperature characteristic, allowing for accurate temperature measurement.

Our NTC thermistor is suitable for a wide range of application occasions and scenarios. It can be used in automotive applications for engine temperature sensing, battery temperature monitoring, and climate control systems. It is also used in home appliances such as air conditioners, refrigerators, and water heaters to monitor temperature and ensure safe operation.

Other applications include industrial equipment, medical devices, and power supplies. It can be used to measure temperature in process control systems, laboratory equipment, and electronic circuits. With a minimum order quantity of 10000PCS and a supply ability of 250,000PCS per month, we can meet the needs of various customers.

Our SOCAY SN0402-F Series **SN0402X103F3380FB** NTC Thermistor Temperature Sensor is available at a negotiable price, and we

package it in bulk. It has a delivery time of 5-7 days, and we accept payment terms of T/T, Paypal, Western Union, and Money gram. Contact us today to place your order and experience the high precision of our thermometric resistor.

### Support and Services:

Our NTC Thermistor product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experienced engineers and technicians are available to provide expert guidance on product selection, installation, and troubleshooting. We also offer customization services to meet specific customer requirements. Our product technical support and services include:

Product selection assistance

Installation guidance

Customization services

Troubleshooting support

Product warranty and repair services



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



+8618126201429



sylvia@socay.com



socaydiode.com

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