

## Chip NTC Thermistor with 3s Thermal Time Constant for Precision Electronic Devices

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 SN0402X473F4050FB
- 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

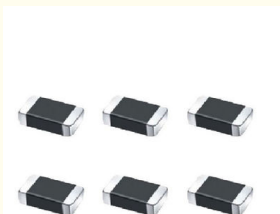


### Product Specification

- Dissipation Factor(mW/ :1
- Thermal Time Constant(s): 3
- B Constant (25/50 )(K): 4050±1%
- Type: Chip NTC Thermistor
- B Constant(25/85 )(K): --
- Part Number: SN0402-X Series SN0402X473F4050FB
- Rated Electric Power (25 )(mW): 100



### More Images



## Product Description

### Product Description:

One of the most notable features of the NTC Thermistor is its high precision product type, which ensures that you get accurate readings every time. This makes it an ideal choice for applications that require precise temperature measurements, such as in medical equipment, automotive systems, and industrial controls.

The NTC Thermistor is made from ceramic materials, which makes it durable and resistant to wear and tear. It is also RoHS and Halogen Free (HF) compliant, which means that it is safe to use and environmentally friendly.

The SN0402-X Series is a standard part number that is widely used in the industry. It is designed to meet the needs of various electronic products and is compatible with a wide range of devices. Whether you are working on a new project or upgrading an existing one, the NTC Thermistor is the perfect choice for your temperature sensing needs.

In summary, the NTC Thermistor is a thermistor temperature sensor that offers high precision and reliability. Its thermosensitive transducer features make it ideal for various applications, while its ceramic material ensures durability and longevity. With its RoHS and Halogen Free (HF) compliance, you can be sure that you are using a safe and environmentally friendly product. Choose the SN0402-X Series for your next project and experience the benefits of the NTC Thermistor.

### Features:

Product Name: NTC Thermistor

Part Number: SN0402-X Series SN0402X473F4050FB

Resistance(25 )(k $\Omega$ ): 47 $\pm$ 1%

B Constant (25/50 )(K): 4050 $\pm$ 1%

Thermal Time Constant(s): 3

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

This NTC Thermistor (Negative Temperature Coefficient Thermistor) is a Thermal Resistive Temperature Sensor that can accurately measure temperature fluctuations. It is a reliable and efficient Thermistor Temperature Sensor that has a Resistance of 10 $\pm$ 1% at 25 , a B Constant of 3380 $\pm$ 1% at 25/50 , and a Thermal Time Constant of 3 seconds.

### Technical Parameters:

Features:	High Precision Product Type
Part Number:	SN0402-X Series SN0402X473F4050FB
Material:	Ceramic
Thermal Time Constant(s):	3
Dissipation Factor(mW/ ):	1
B Constant(25/85 )(K):	--
Resistance(25 )(k $\Omega$ ):	47 $\pm$ 1%
Application:	Electronice Products
B Constant (25/50 )(K):	4050 $\pm$ 1%
Type:	Chip NTC Thermistor

This table shows the technical parameters of a Negative Temperature Coefficient (NTC) Thermistor, also known as a Thermal Resistive Temperature Sensor. The product is a High Precision Product Type with the part number SN0402-X Series. It is made of Ceramic material and has a Thermal Time Constant of 3 seconds and a Dissipation Factor of 1 mW/ . The B Constant at 25/85 is not specified. The resistance at 25 is 47 $\pm$ 1% k $\Omega$ . It is commonly used in electronic products. The B Constant at 25/50 is 4050 $\pm$ 1% K and it is in the shape of a Chip NTC Thermistor.

### Applications:

- (1)Temperature measurement: electronic thermometer, electronic calendar, electronic clock temperature display, electronic gifts, etc;
- (2)Temperature control: Temperature sensing of charging batteries for devices such as mobile phones, car phones, laptops, and smart wearable devices;
- (3)Temperature compensation: Temperature compensation for transistors, ICs, and crystal oscillators in mobile communication devices

### Customization:

### 1) F Series

Part Number	Resistance (25℃) (kΩ)	B Constant (25/50℃) (K)	B Constant (25/85℃) (K)	Dissipation Factor (mW/℃)	Thermal Time Constant (s)	Rated Electric Power (25℃) (mW)	Operating Ambient Temperature (℃)
SN0402X103F3380FB	10±1%	3380±1%	--	1	3	100	-40 ~ +125
SN0402X103F3435FA	10±1%	--	3435±1%	1	3	100	-40 ~ +125
SN0402X103F3450FB	10±1%	3450±1%	--	1	3	100	-40 ~ +125
SN0402X103F3950FB	10±1%	3950±1%	--	1	3	100	-40 ~ +125
SN0402X223F3950FB	22±1%	3950±1%	--	1	3	100	-40 ~ +125
SN0402X333F4050FB	33±1%	4050±1%	--	1	3	100	-40 ~ +125
SN0402X473F4050FB	47±1%	4050±1%	--	1	3	100	-40 ~ +125
SN0402X683F4150FB	68±1%	4150±1%	--	1	3	100	-40 ~ +125
SN0402X104F3950FB	100±1%	3950±1%	--	1	3	100	-40 ~ +125
SN0402X104F4250FB	100±1%	4250±1%	--	1	3	100	-40 ~ +125
SN0402X474F4050FA	470±1%	--	4050±1%	1	3	100	-40 ~ +125

### Support and Services:

Our NTC thermistor product comes with a comprehensive technical support and services package. Our team of experts is available to provide assistance with product selection, installation, calibration, and troubleshooting. We offer customized solutions to meet your specific requirements and ensure reliable and accurate temperature sensing. Our services include:

Consultation with our technical experts

Product selection and customization

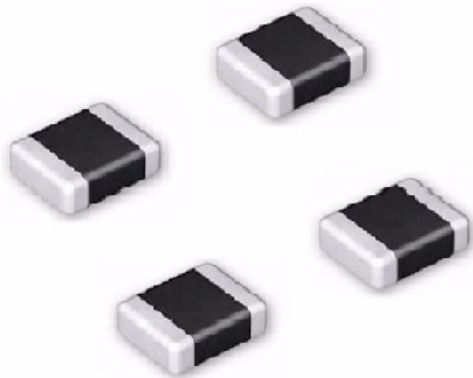
Installation support

Calibration and testing services

Repair and maintenance services

Training and education

We are committed to ensuring your satisfaction with our NTC thermistor product and our technical support and services. Contact us to learn more about how we can assist you.



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