



## Power Dissipation 100mW Ceramic Thermal Resistor Element for Co Ltd Enterprises

Our Product Introduction

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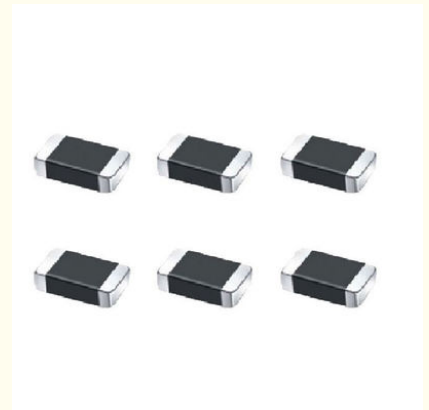
### Basic Information

- Place of Origin: SHENZHEN GUANGDONG, CHINA
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: SN0402-F Series SN0402X223F3950FB
- 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

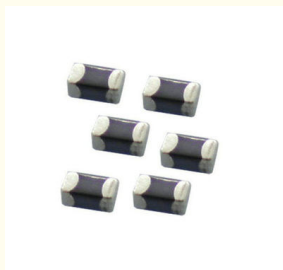


### Product Specification

- Part Number: SN0402-X Series SN0402X223F3950FB
- Dissipation Factor(mW/ :1
- Rated Electric Power 100  
(25 )(mW):
- Material: Ceramic
- Thermal Time Constant(s): 3
- Resistance(25 )(kΩ): 22±1%
- Enterprise Type: Co, Ltd
- Application: Electronic Products



### More Images



## Product Description

### Product Description:

The NTC thermistor is a type of thermistor temperature sensor that operates on the principle of negative temperature coefficient (NTC) resistance. It is widely used in temperature sensing and compensation applications due to its high sensitivity and fast response time. The SN0402-X Series SN0402X223F3950FB NTC Thermistor has a B constant (25/50 ) of  $3380 \pm 1\%$ , which provides precise temperature sensing and compensation over a wide temperature range. It can measure temperatures ranging from  $-40$  to  $125$ , making it suitable for use in a variety of industrial and automotive applications.

This chip NTC thermistor has a rated electric power of 100mW at 25 , allowing it to handle high power dissipation while maintaining accurate temperature measurements. Its small size and high accuracy make it an ideal choice for temperature sensing in compact electronic devices and systems.

The SN0402-X Series SN0402X223F3950FB NTC Thermistor is a reliable and cost-effective solution for temperature sensing and compensation in a wide range of applications. Whether you need to measure temperature in automotive, industrial, or consumer electronics applications, this thermistor temperature sensor offers high accuracy and fast response time for precise temperature measurement.

### Features:

Product Name: NTC Thermistor

Resistance(25 )(k $\Omega$ ):  $22 \pm 1\%$

Part Number: SN0402-X Series

Operating Ambient Temperature( ):  $-40 \sim +125$

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

Rated Electric Power (25 )(mW): 100

This product is a thermally sensitive resistor, also known as a thermistor temperature sensor.

### Technical Parameters:

Product Attribute	Value
Product Type	Thermal Resistive Temperature Sensor, NTC Temperature Probe, Negative Temperature Coefficient Thermistor
Brand Name	SOCAY
Part Number	SN0402-X Series SN0402X223F3950FB
Standard	RoHS & Halogen Free (HF) Compliant
Rated Electric Power (25 ) (mW)	100
Resistance(25 )(k $\Omega$ )	$22 \pm 1\%$
Thermal Time Constant(s)	3
B Constant(25/85 )(K)	--
Features	High Precision
Operating Ambient Temperature( )	$-40 \sim +125$
Dissipation Factor(mW/ )	1

### Applications:

The SN0402-F Series SN0402X223F3950FB NTC Thermistor is a chip thermistor that has a wide range of applications, including temperature sensing, temperature compensation, and temperature control in various electronic devices. This NTC Thermistor is suitable for use in environments with operating ambient temperatures ranging from  $-40$  to  $125$ . The thermistor is widely used in automotive electronics, home appliances, power supplies, and other electronic devices that require temperature sensing and temperature compensation.

The SN0402-F Series SN0402X223F3950FB NTC Thermistor is part of the SN0402-X Series SN0402X223F3950FB and is manufactured by SOCAY Co., Ltd. The enterprise type is Co., Ltd, and the supply ability for this product is 250,000pcs per month. The NTC Thermistor is available in different part numbers that are designed for specific applications. The SN0402-F Series SN0402X223F3950FB NTC Thermistor can be used in various scenarios, such as temperature sensing and temperature compensation in

electronic devices.

Customers can make payments using T/T, PayPal, Western Union, or Money Gram. The SN0402-F Series SN0402X223F3950FB NTC Thermistor is a reliable and durable product that is widely used in different industries. The product is available in bulk, making it easy for customers to order and receive it. The SN0402-F Series SN0402X223F3950FB NTC Thermistor is a cost-effective solution for temperature sensing, temperature compensation, and temperature control in electronic devices.

Customization:

Brand Name: SOCAY

Model Number: SN0402-F Series SN0402X223F3950FB

Place of Origin: SHENZHEN GUANGDONG,CHINA

Certification: UL,REACH,ROHS,ISO

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

Rated Electric Power (25 )(mW): 100

Resistance(25 )(kΩ): 22±1%

B Constant (25/50 )(K): 3950±1%

Enterprise Type: Co,Ltd

Our NTC Thermistor, also known as Thermal Resistor Element, is a thermosensitive transducer that can be customized to fit your specific needs for temperature sensing. With UL, REACH, ROHS, and ISO certifications, you can trust our product's quality and safety. Our minimum order quantity is 10000PCS and we offer negotiable prices for bulk orders. Our packaging details are bulk and we offer delivery within 5-7 days. We accept payment through T/T, Paypal, Western Union, and Money gram. With a supply ability of 250,000PCS Per Month, you can count on us for your thermistor needs. The rated electric power (25 )(mW) is 100 and the resistance (25 )(kΩ) is 22±1%. The B Constant (25/50 )(K) is 3950±1%. Our enterprise type is Co,Ltd.

Electrical Characteristics:

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 technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with any technical questions and concerns, including:

Installation guidance and support

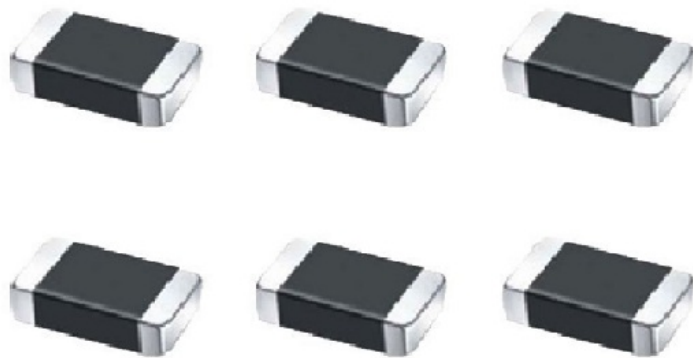
Troubleshooting assistance

Product customization options

Product training and education

Warranty and repair services

We are committed to providing top-notch technical support and services to our customers so that they can fully utilize the capabilities of our NTC Thermistor product.



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