Temperature Sensitive Thermistor -40- 200C Operating Temperature for Industrial MF72-SCN20D-15
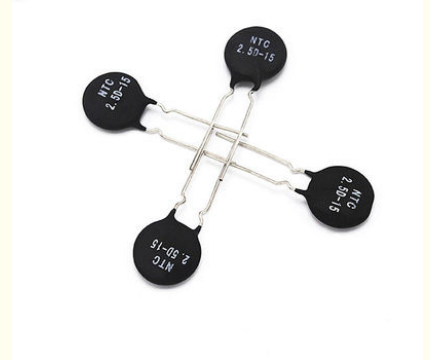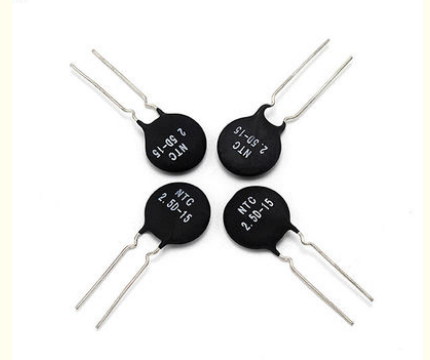
Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN GUANGDONG,CHINA
- Brand Name: SOCAY
- Certification: UL,REACH,ROHS,ISO
- Model Number: MF72-SCN20D-15
- Minimum Order Quantity: 250PCS
- 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: Wide Operating Temperature Rang
- Quality: High Quality
- Capacitance: 470µF
- Resistance At 25 ±20%: 20Ω
- Maximum Permissible Capacitance @240Vac: 470uF
- Resistance Under Load (mΩ): 287mΩ
- Standard: RoHS & Halogen Free (HF) Compliant
- Package Type: Radial Leaded
- Highlight: **MF72-SCN20D-15 Temperature Sensitive Thermistor**
  , **Industrial Temperature Sensitive Thermistor**,
  MF72-SCN20D-15

More Images

Product Description

Product Description:

Product Overview: NTC Thermistor

The NTC Thermistor is a type of thermosensitive transducer that is widely used as a thermal resistive temperature sensor in various electronic devices and systems. It is designed to measure temperature changes by sensing the resistance of a ceramic or polymer material.

The NTC Thermistor is a highly versatile and reliable temperature sensor that offers a wide range of applications in different industries, including automotive, medical, and industrial equipment. It is an essential component for accurate temperature control and monitoring.

Key Attributes:

Material: The NTC Thermistor is made of high-quality ceramic or polymer material, which is known for its excellent thermal conductivity and stability. It is also resistant to corrosion and moisture, making it suitable for various environmental conditions.

Body size: The NTC Thermistor has a compact and standardized body size of Φ15mm, which is suitable for easy installation and integration into electronic devices and systems.

Capacitance: The NTC Thermistor has a capacitance of 470μF, which is a measure of its ability to store an electric charge. This high capacitance allows for quick and accurate temperature measurements.

Rated Resistance: The NTC Thermistor has a rated resistance of 8 Ohm, which is the resistance at a specific temperature. This value is crucial for calculating the temperature changes accurately.
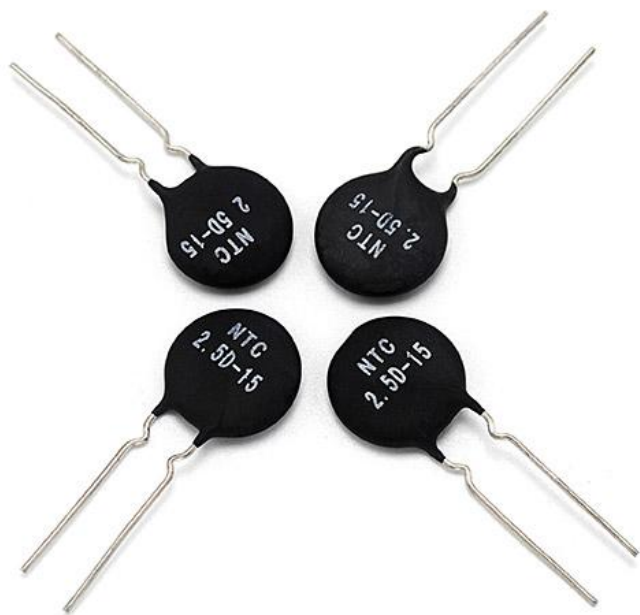
Features:

Wide Operating Temperature Range: One of the key features of the NTC Thermistor is its ability to operate over a wide temperature range, from -50°C to 300°C. This makes it suitable for use in extreme temperature conditions.

Radial Lead: The NTC Thermistor is designed with radial leads, which are wires connected to the ceramic or polymer material. This allows for easy mounting on circuit boards and other electronic devices.

Resin Coated: The NTC Thermistor is coated with a layer of resin, which provides protection against external factors such as moisture, dust, and vibration. This ensures the durability and reliability of the sensor.

Overall, the NTC Thermistor is a highly efficient and accurate temperature sensor that offers a wide range of applications in various industries. Its compact size, high capacitance, and wide operating temperature range make it a popular choice among engineers and manufacturers. With its reliable performance and durable design, the NTC Thermistor is an essential component for temperature control and monitoring in electronic devices and systems.

SOCAY®

Features:

Product Name: NTC Thermistor

Features:

Negative Temperature Coefficient Resistor
Thermistor Temperature Sensor
Wide Operating Temperature Range
Body size: Φ15mm
Tolerance: ±1%
Standard: RoHS & Halogen Free (HF) Compliant
Mounting: Through Hole

Technical Parameters:

NTC Thermistor	Technical Parameters
Tolerance	±1%
Operating Temperature Range	-40~+200
Capacitance	470µF
Termination Style	Radial
Mounting	Through Hole
Rated Resistance	20 Ohm
Features	Wide Operating Temperature Range
Standard	RoHS & Halogen Free (HF) Compliant
Enterprise Type	Co,Ltd
Body Size	Φ15mm
Product Type	Thermal Resistive Temperature Sensor
Thermal Resistor Element	Radial Lead Type

Applications:

NTC Thermistor - SOCAY

Perfect Solution for Temperature Control and Sensing

NTC Thermistor, also known as Thermal Resistor Element or Negative Temperature Coefficient Resistor, is a type of temperature sensor that changes its resistance with temperature. SOCAY's NTC Thermistor provides accurate and reliable temperature sensing for a wide range of applications. Our NTC Temperature Probes are designed to meet the highest industry standards and are widely used in temperature control, temperature compensation, overheat protection, thermal management, and many other electrical safety and energy efficiency applications.

Product Details

Brand Name	SOCAY
Model Number	MF72-SCN20D-15
Place of Origin	SHENZHEN GUANGDONG, CHINA
Certification	UL, REACH, ROHS, ISO
Minimum Order Quantity	250PCS
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
Features	Wide Operating Temperature Range
Standard	RoHS & Halogen Free (HF) Compliant
Package Type	Radial Leaded
Thickness	6mm
Dissipation Factor Df	20 MW/

Application Scenarios

SOCAY's NTC Thermistor can be used in a wide range of applications, including but not limited to:

Temperature control in household appliances such as refrigerators, air conditioners, and water heaters;

Temperature sensing and compensation in electronic devices, such as laptops, smartphones, and gaming consoles;

Overheat protection in industrial equipment, such as motors, transformers, and power supplies;

Thermal management in LED lighting fixtures, automotive electronics, and medical devices;

Electrical safety in fuse boxes, circuit breakers, and power outlets;

Energy efficiency in solar panels, wind turbines, and smart home systems.

With its high accuracy, fast response time, and stable performance, SOCAY's NTC Thermistor is the perfect solution for various temperature sensing and control needs. Our products are widely used in different industries, from consumer electronics to industrial automation, from automotive to aerospace. Wherever temperature plays a crucial role, SOCAY's NTC Thermistor is there to provide reliable and precise temperature readings.

Why Choose SOCAY's NTC Thermistor?

There are many reasons why SOCAY's NTC Thermistor stands out from the competition:

SOCAY is a leading manufacturer of temperature sensors with over 15 years of experience in the industry.

Our NTC Thermistor products are UL, REACH, ROHS, and ISO certified, ensuring their quality and safety.

We offer a wide range of models and specifications to meet different customer needs.

Our NTC Thermistors have a high accuracy and a wide operating temperature range, making them suitable for various applications.

We use only high-quality materials and advanced manufacturing techniques to ensure the reliability and durability of our products.

With a monthly supply ability of 250,000PCS, we can meet the demands of both small and large orders.

We provide flexible payment terms and fast delivery times to ensure a smooth and hassle-free purchasing experience for our customers.

Choose SOCAY's NTC Thermistor for your temperature sensing and control needs and experience the difference in performance and quality. Contact us now to learn more about our products and services.

Customization:

NTC Thermistor Customization Service

NTC Thermistor, also known as Negative Temperature Coefficient Resistor or Thermally Sensitive Resistor, is a type of electronic component that changes resistance in response to changes in temperature. At SOCAY, we offer a comprehensive customization service for our NTC Thermistors to meet the specific needs of our customers.

Product Attributes

Brand Name: SOCAY

Model Number: MF72-SCN20D-15

Place of Origin: SHENZHEN GUANGDONG,CHINA

Certification: UL,REACH,ROHS,ISO

Minimum Order Quantity: 250PCS

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

Thickness: 6 Mm

Package Type: Radial Leaded

Enterprise Type: Co,Ltd

Body size: Φ15mm

Tolerance: ±1%

Key Features

Customization service to meet specific requirements

High quality NTC Thermistors

Wide range of certifications to ensure safety and compliance

Competitive pricing with negotiable options

Bulk packaging for efficient and convenient delivery

Fast delivery within 5-7 days

Flexible payment terms including T/T, Paypal, Western Union, and Money gram

High production capacity of 250,000PCS per month

Compact body size of Φ15mm for space-saving installation

Accurate tolerance of ±1% for precise temperature sensing

Choose SOCAY for your NTC Thermistor customization needs and experience the high-quality, reliable, and efficient service that we are known for. Contact us today for more information and to request a quote.

Packing and Shipping:

NTC Thermistor Product Packaging and Shipping

Our NTC Thermistors are carefully packaged and shipped to ensure their safe arrival to our customers. We understand the importance of product quality and timely delivery, which is why we take great care in our packaging and shipping process.

Packaging

Each NTC Thermistor is individually packaged in a protective plastic bag to prevent any damage during transportation. The bag is then placed in a sturdy cardboard box with cushioning materials to further protect the product.

We also offer customized packaging options for bulk orders, including labeling and branding services. Please contact our sales team for more information.

Shipping

We offer a variety of shipping options to meet the specific needs of our customers. Our standard shipping method is through reputable courier services such as FedEx, UPS, and DHL.

For larger orders, we can also arrange for sea or air freight shipping. Our logistics team will work closely with our customers to ensure timely and cost-effective delivery.

All orders are processed and shipped within 2-3 business days, and customers will receive a tracking number to monitor the status of their shipment.

International Shipping

We ship our NTC Thermistors to customers all over the world. Please note that international orders may be subject to customs fees, import taxes, and other charges, which are the responsibility of the customer.

We take great care in properly declaring the value of our shipments to avoid any potential issues with customs clearance. However, we highly recommend that customers check with their local customs office for any applicable fees before placing an order.

For any further questions or concerns about our packaging and shipping process, please don't hesitate to contact us. We are dedicated to providing the best possible service to our customers.

FAQ:

Q: What is the brand name of this product?

A: The brand name is SOCAY.

Q: What is the model number of this product?

A: The model number is MF72-SCN8D-15.

Q: Where is this product manufactured?

A: This product is manufactured in SHENZHEN GUANGDONG, CHINA.

Q: What certifications does this product have?

A: This product is UL, REACH, ROHS, and ISO certified.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 250 pieces.

Q: Is the price of this product negotiable?

A: Yes, the price is negotiable depending on the quantity ordered.

Q: How is this product packaged?

A: This product is packaged in bulk.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 5-7 days.

Q: What are the payment terms for this product?

A: The payment terms are T/T, Paypal, Western Union, and Money Gram.

Q: What is the supply ability for this product?

A: The supply ability for this product is 250,000 pieces per month.