



## SOCAY Power NTC Thermistor MF72-SCN10D-9 10Ω 9mm I<sub>max</sub> Wide Resistance Range

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: MF72-SCN10D-9
- Minimum Order Quantity: 2000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ9mm
- NTC R25: 10Ω
- I<sub>max</sub> A : 2A
- Resistance Under Load: 458mΩ
- δ W/ : 11m
- τ Secs. : 32Secs.
- Capacitance: 110μF



### More Images



## Product Description

### SOCAY Power NTC Thermistor MF72-SCN10D-9 10Ω 9mm I<sub>max</sub> Wide Resistance Range

**DATASHEET:** [MF72-SCN10D-9\\_v2105.1.pdf](#)

<b>Features</b>	RoHS & Halogen Free (HF) compl Body size: Φ9mm Radial lead resin coat High power rating Wide resistance range Cost effective Operating temperature range: -40~+200 Agency recognition: UL /cUL/RoHS
<b>Recommended Applications</b>	Switch mode power supply Electric motor Transformer Adapter Projector Halogen lamp LED driver circuit
<b>Storage Conditions of Products</b>	Storage Conditions: Storage Temperature: -10 ~ +40 . Relative Humidity: ≤ 75%RH. Keep away from corrosive atmosphere Period of Storage: 1 year

#### Electrical characteristics:

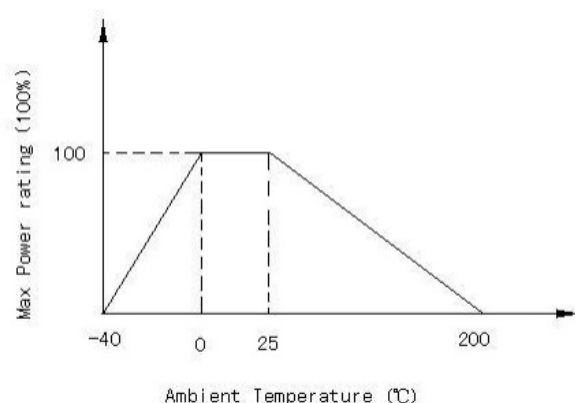
Part Number	Resistance at 25 ±20%	Max. Permissible Working Current	Resistance under Load (mΩ)	Dissipation Factor	Thermal Time Constant	Maximum permissible capacitance @240Vac
	R25(Ω)	I <sub>max</sub> (A)	(mΩ)	δ(mW/ )	τ(Sec.)	C(uF)
MF72-SCN10D-9	10	2	458	11	32	110

Part No. Code:

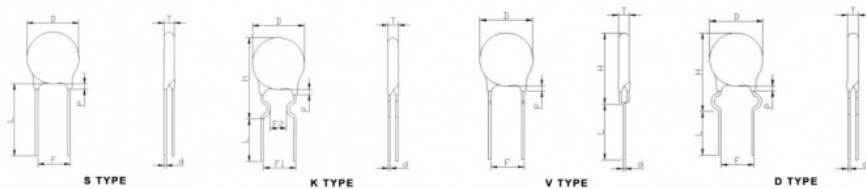
**MF72**      **SCN**      **10D**   -   **9**  
 (1)          (2)          (3)          (4)

- (1) MF72: MF72 Series.  
 (2) SCN: Socay NTC.  
 (3) 10D: Zero Power Resistance at 25 (R25): 10=10Ω.  
 (4) Body Size: 9=Φ9mm.

#### Maximum Power



#### Dimensions and Structure (Unit: mm)



D max	T max	P max	F	H	Lshort / Long	d	Type
10.5	5.5		37.5±0.5	--	7±1/20±1	0.75	S
10.5	5.5		37.5±0.5	16.5±1	7±1/20±1	0.75	K/V/D

#### Packing:

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN10D-11	Lshort	2000
	Llong	1000

#### Dependability:

Item	Test conditions / Meth	Test Result
Tensile Strength of Termin	Fasten body with a Load Applied to each lead 3.0	No break out and damage
Bending Strength of Terminals	Fixed body hand 1.0kg on one terminal bend 90 then back again oppsite.	No break out and damage
Solder Ability	When the Lead wire was dipped into bath of 235 ± 5 for 3 seconds after immersion in 25% rosin flux the solder ability ratio of lead wire surface should more than 95%	More than 95% so
Temp. Cycle Test	(-40 × → +25 × 3min) × 5Cycles (-85 × → +25 × 3min) × 5Cycles	ΔR/R   ≤ ±20%
Humidity Test	45 95%RH×1000 hours	ΔR/R   ≤ ±20 %
Load Life	6 AMP×1000 hou	ΔR/R   ≤ ±20 %
Insulation Test	DC 700	R≥500MΩ

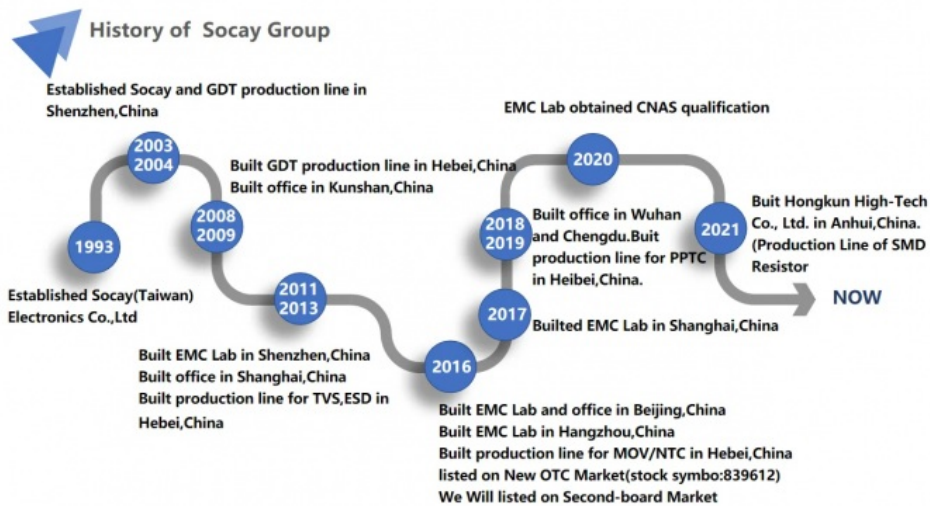


#### Company Profile:

We are a manufacturer and supplier with over 20 years of experience in electronic components, as shown below,

- 1- ESD
- 2- TVS Diodes
- 3- PPTC Resettable Fuse
- 4- Gas Discharge Tube

- 5- NTC Thermistor
- 6- Varistor,etc.







5 invention patents

42 utility model patents

16 Design patent

## FAQ

Q: May we get some samples?

A: Of course, samples are available.

Q: What is product lead time?

For GDT, TVS, and ESD, the lead time will 1-2 weeks. For TSS, MOV, MLV, NTC, and PPTC, the lead time 2-3 weeks. According your specific

requirements, we will further confirm the accurate lead time.

Q: Do you support customization?

A: Of course, We do.

**Please feel free to contact us if you have any question.**

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### Other hot product



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