



## SOCAY Sealed NTC Temperature Sensor MF72-SCN5D-13 5Ω 13mm 4A Imax Ther Mometer

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-SCN5D-13
- Minimum Order Quantity: 250PCS
- Price: 0.01~0.3USD
- Packaging Details: Bulk
- Delivery Time: 5-7 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 250,000PCS Per Month



### Product Specification

- Resistance At 25 ±20%: 10Ω
- Max. Permissible Working Current: 4A
- Resistance Under Load (mΩ): 206mΩ
- Dissipation Factor: 15mW/
- Thermal Time Constant: 65mΩ
- Maximum Permissible Capacitance @240Vac: 330mW/
- Body Size: 68Secs.
- MOQ: 250PCS
- Highlight: Sealed NTC Temperature Sensor,  
NTC Temperature Sensor MF72-SCN5D-13,  
MF72-SCN5D-13



### More Images



## Product Description

### SOCAY Power NTC Thermistor MF72-SCN10D-13 10Ω 13mm Wide Resistance Range

**DATASHEET:** [MF72-SCN10D-13\\_v2105.1.pdf](#)

#### Product details:

Brand Name	SOCAY
Place of Origin	Shenzhen, Guangdong, China
Model Number	MF72-SCN8D-13
Certification	UL, REACH, ROHS, ISO
Body size	Φ13mm
Operating temperature range	-40 ~ +170
Price	Negotiable
Minimum Order Quantity	250PCS
Packaging Details	Bulk
Delivery Time	5-7 days
Supply Ability	250,000PCS Per Month
Payment Terms	T/T, Paypal, Western Union, Money gram

#### Features:

RoHS & Halogen Free (HF) compliant  
Wide resistance range  
High power rating  
Cost effective

#### Recommended Application:

Electric motor  
Transformer  
Switch mode power supply  
Adapter  
Projector  
Halogen lamp  
LED driver circuit

#### Storage Conditions of Product:

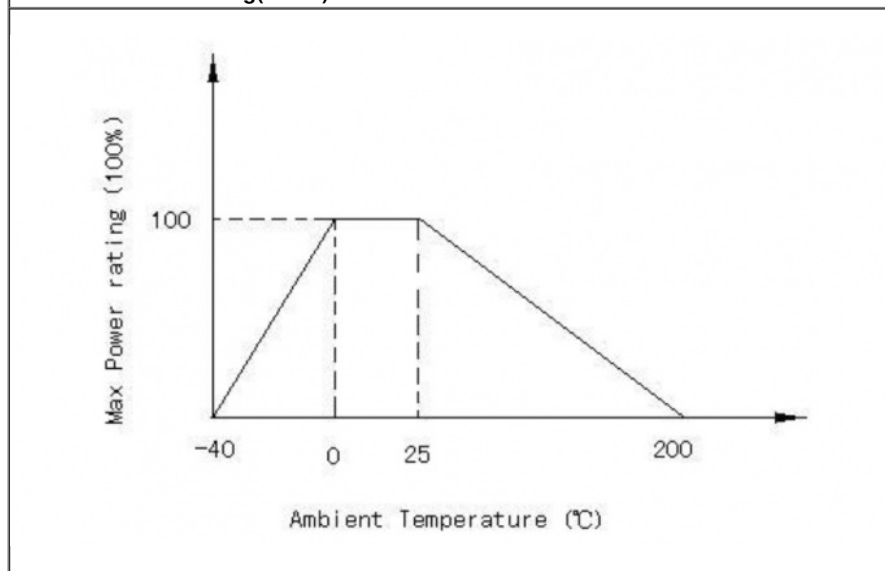
Relative Humidity: ≤75%RH.  
Keep away from corrosive atmosphere and sunlight  
Storage Conditions: Storage Temperature: -10 ~ +40 .

Period of Storage:

#### Electrical Characteristics

Part Number	R25(Ω)	I <sub>max</sub>	δ(mW/ )	Resistance under Load(mΩ)	τ(Sec.)	C(uF)
MF72-SCN10D-13	10Ω	4A	15	206	65	330

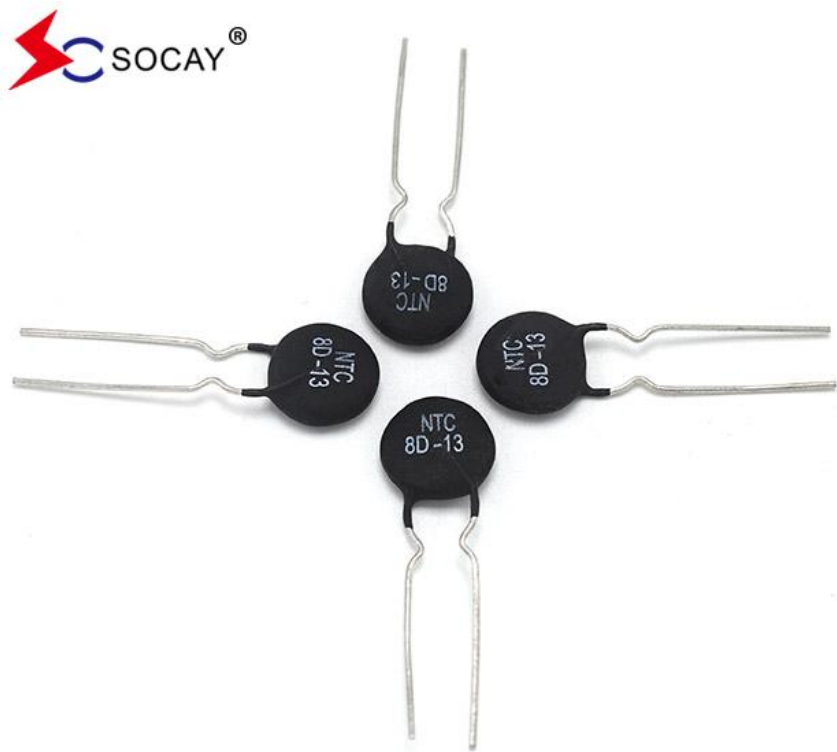
#### Maximum Power Rating(P<sub>max</sub>)

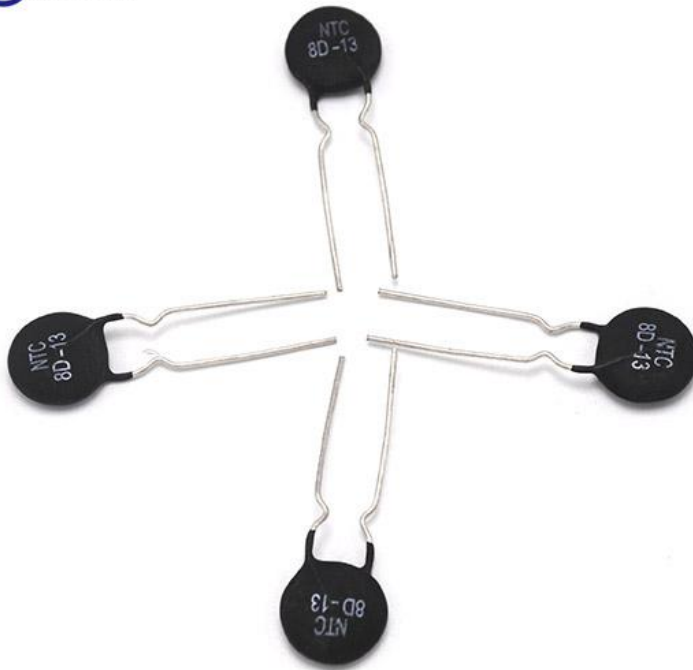


MF72-SCN10D-13	Quantity (pcs/bag)
L short	250
L long	250

Reliability		
Item	Test conditions / Methods	Test Result
Tensile Strength of Terminals	Fasten body with a Load Applied to each lead 3.0Kg for 1sec.	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% solder ability
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 hours	ΔR/R   ≤ ± 20 %
Insulation Test	DC 700V	R≥500MΩ

Product Display:

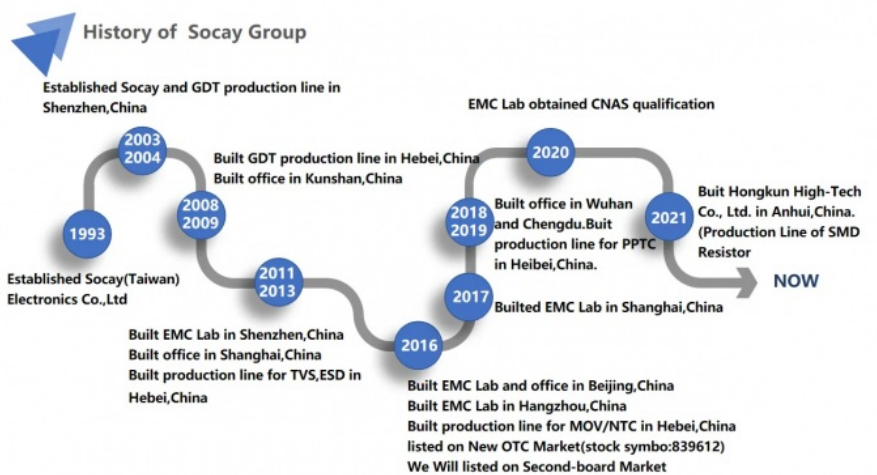




**Other Hot Products:**

- 1.ESD,
- 2.Gas discharge tubes (GDT) serieses,
- 3.TVS diodes,
- 4.TSS,
- 5.Fuses(PPTC),
- 6.SPG,
- 7.Varistors(MOV/(MLV),
- 8.Schottky diodes (Schottky) Zener diodes, etc.

## About Company:



5 invention patents

42 utility model patents

16 Design patent







#### Delivery Service:



#### 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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