



## SOCAY NTC Thermistor MF72-SCN4D-13 4ohm 13mm Wide Resistance Range NTC Sensor

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: MF72-SCN4D-13
- Minimum Order Quantity: 500
- Price: USD0.01-0.25/piece
- Packaging Details: Bulk
- Delivery Time: 5-8 work days
- Payment Terms: T/T, Western Union, MoneyGram



### Product Specification

- Product Name: NTC Thermistor
- Package Type:  $\Phi 13\text{mm}$
- NTC R25:  $4\Omega$
- I<sub>max</sub> A : 5A
- Resistance Under Load:  $124\text{m}\Omega$
- $\delta$  mW/ :  $16\text{mW/}$
- $\tau$  Secs. : 65Secs.
- Capacitance:  $330\mu\text{F}$
- Highlight: NTC Thermistor MF72-SCN4D-13, 4ohm NTC Thermistor, 13mm NTC Sensor



### More Images



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## Product Description

### SOCAY Power NTC Thermistor MF72-SCN4D-13 4Ω 13mm Wide Resistance Range

**DATASHEET:** [MF72-SCN4D-13\\_v2105.1.pdf](#)

#### Description:

Body size: Φ13mm  
 High power rating  
 RoHS & Halogen Free (HF) compliant  
 Wide resistance range  
 High power rating  
 Cost effective  
 Agency recognition: UL /cUL/RoHS  
 Operating temperature range: -40 ~ +170

#### Recommended Application:

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

#### Storage Conditions of Product:

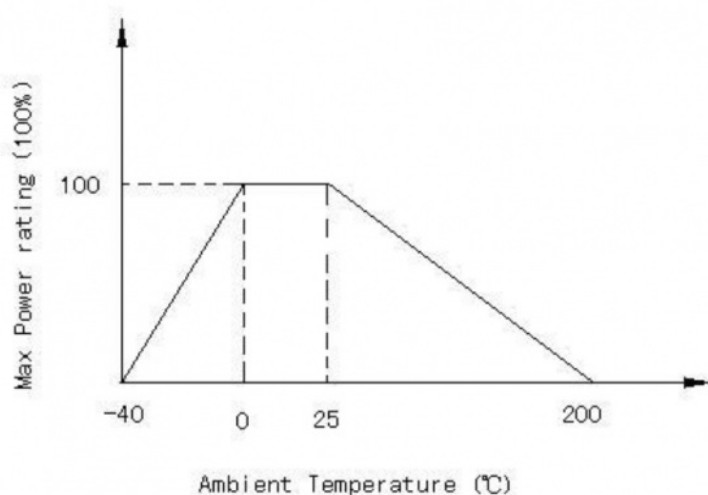
Storage Conditions: Storage Temperature: -10 ~ +40 .  
 Relative Humidity: ≤75%RH.  
 Keep away from corrosive atmosphere and sunlight

Period of Storage:

#### Electrical Characteristics

| Part Number   | R25(Ω) | I <sub>max</sub> | δ(mW/ ) | Resistance under Load(mΩ) | τ(Sec.) | C(uF) |
|---------------|--------|------------------|---------|---------------------------|---------|-------|
| MF72-SCN4D-13 | 4Ω     | 5A               | 16      | 124                       | 65      | 330   |

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



|                |                    |
|----------------|--------------------|
| MF72-SCN16D-11 | Quantity (pcs/bag) |
|                | 500                |

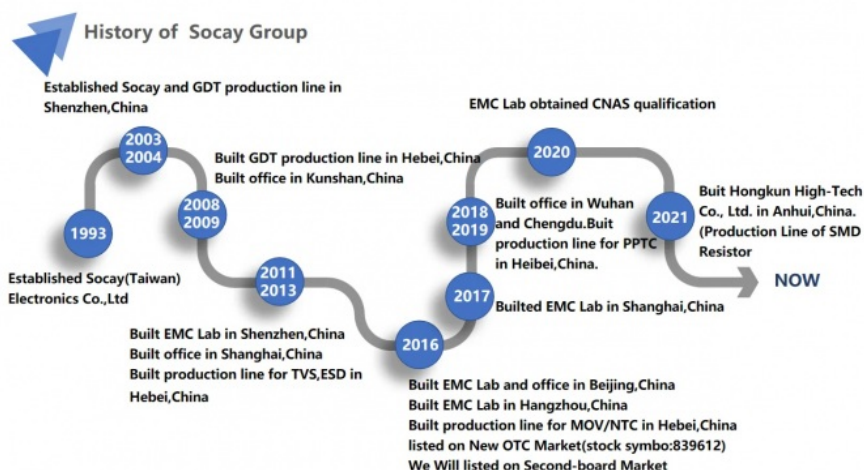
| Reliability                   |                                                                                                                                                                                                      |                              |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 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 $235 \pm 5^{\circ}\text{C}$ 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              | $(-40^{\circ}\text{C} \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$<br>$(-85^{\circ}\text{C} \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$ | $ \Delta R/R  \leq \pm 20\%$ |
| Humidity Test                 | $45^{\circ}\text{C}$ 95%RH $\times 1000$ hours                                                                                                                                                       | $ \Delta R/R  \leq \pm 20\%$ |
| Load Life                     | 6 AMP $\times 1000$ hours                                                                                                                                                                            | $ \Delta R/R  \leq \pm 20\%$ |
| Insulation Test               | DC 700V                                                                                                                                                                                              | $R \geq 500\text{M}\Omega$   |

#### Product Display:

#### Other Hot Products:

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

#### Company Information:





5 invention patents

42 utility model patents

16 Design patent





Shipping 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.**

Contact Person: Aria Wei

Tel/WhatsApp/Wechat/Skype: +8615778830733

Email Address: [sc72@socay.com](mailto:sc72@socay.com)

Website: [www.socay.com](http://www.socay.com) / [www.socay.en.alibaba.com](http://www.socay.en.alibaba.com)

Address: Floor 4, Building C, Hengxing Science park, No.19 Minqing Road, Longhua District, Shenzhen



**Shenzhen Socay Electronics Co., Ltd.**



+8618126201429



[sylvia@socay.com](mailto:sylvia@socay.com)



[socaydiode.com](http://socaydiode.com)

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,  
GuangDong Province, China