



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

Our Product Introduction

for more products please visit us on socaydiode.com

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: 4Ω
- I_{max} A : 5A
- Resistance Under Load: $124\text{m}\Omega$
- δ mW/ : 16mW/
- τ Secs. : 65Secs.
- Capacitance: $330\mu\text{F}$
- Highlight: NTC Thermistor MF72-SCN4D-13, 4ohm NTC Thermistor, 13mm NTC Sensor



More Images



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:

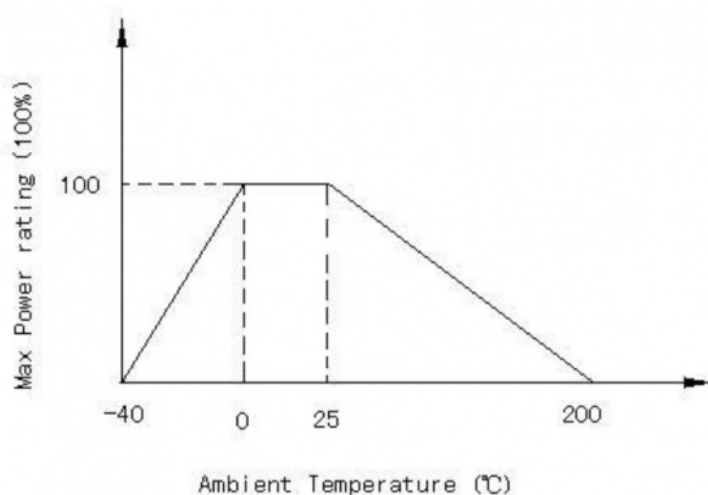
Storage Conditions: Storage Temperature: -10 ~ +40 .
 Relative Humidity: ≤75%RH.
 Keep away from corrosive atmosphere and sunlight

Period of Storage:

Electrical Characteristics

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

Maximum Power Rating(P_{max})



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

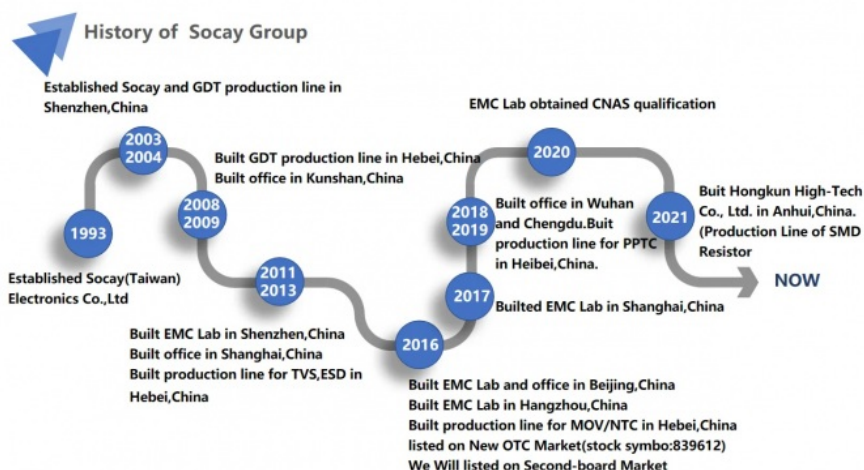
| Reliability | | |
|-------------------------------|--|------------------------------|
| Item | Test conditions / Methods | Test Result |
| Tensile Strength of Terminals | Fasten body with a Load Applied to each lead 3.0Kg for 1sec. | No break out and damage |
| Bending Strength of Terminals | Fixed 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 | $(-40^{\circ}\text{C} \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$ $(-85^{\circ}\text{C} \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$ | $ \Delta R/R \leq \pm 20\%$ |
| Humidity Test | 45°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.

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