



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: 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



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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:

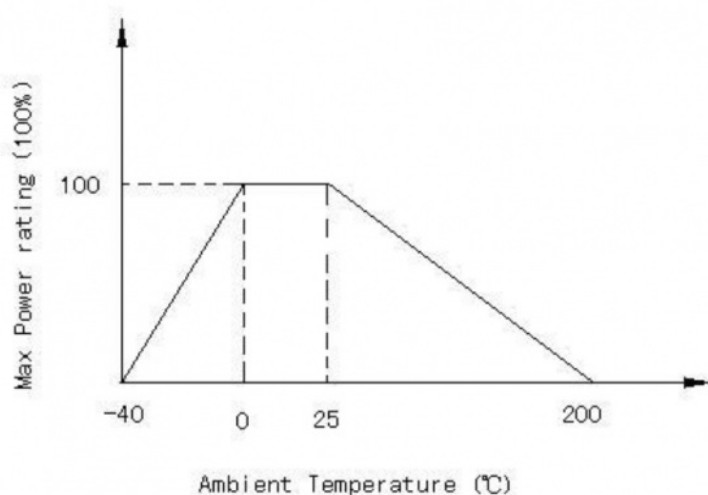
Storage Conditions: Storage Temperature: -10 ~ +40 .
 Relative Humidity: ≤75%RH.
 Keep away from corrosive atmosphere and sunlight

Period of Storage:

Electrical Characteristics

Part Number	R25(Ω)	I _{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

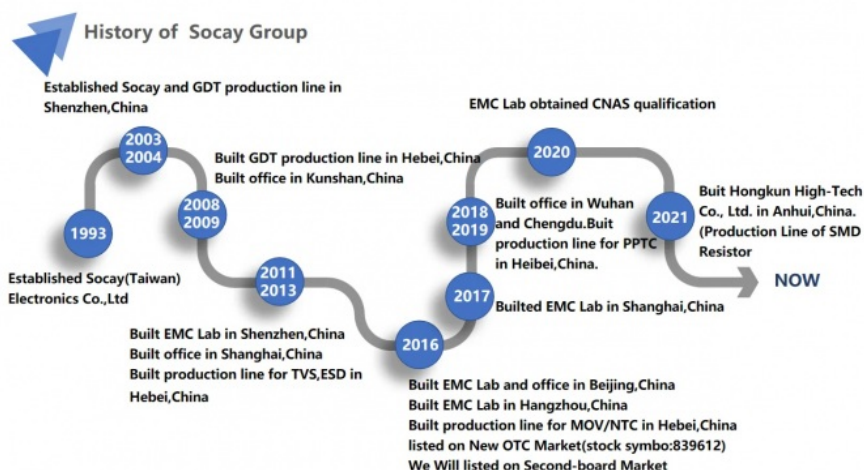
Reliability		
Item	Test conditions / Methods	Test Result
Tensile Strength of Terminals	Fasten body with a Load Applied to each lead 3.0Kg for 1sec.	No break out and damage
Bending Strength of Terminals	Fixed body hand 1.0kg on one terminal bend 90 then back again oppsite.	No break out and damage
Solder 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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