



SOCAY Temperature Senso Power NTC Thermistor MF72-SC2.5D-9 2.5Ω 9mm Wide Resistance Range

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-SCN2.5D-9
- 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: Φ9mm
- NTC R25: 2.5Ω
- I_{max} A : 4A
- Resistance Under Load: 128mΩ
- δ mW/ : 11mW/
- τ Secs. : 35Secs.
- Capacitance: 110μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN2.5D-9 2.5Ω 9mm Wide Resistance Range

DATASHEET: [MF72-SCN2.5D-9_v2105.1.pdf](#)

Features:

Operating temperature range: -40~+200 .
Wide resistance range.
High power rating.
Radial lead resin coated.
Body size: Φ5mm.
Cost effective.

Applications:

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

Storage Conditions of Products:

Storage Conditions:
Storage Temperature: -10 ~ +40 .
Relative Humidity: ≤ 75%RH.
Keep away from corrosive atmosphere and sunlight.
Period of Storage: 1 year.

Part Number Code

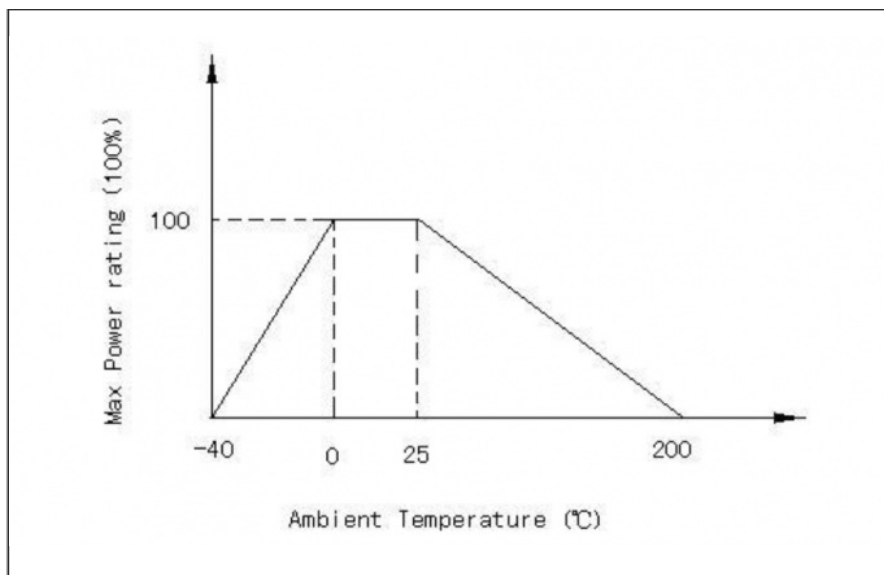
MF72 SCN 2.5D - 9
(1) (2) (3) (4)

- (1) MF72: MF72 Series.
(2) SCN: Socay NTC.
(3) 16D: Zero Power Resistance at 25 (R25).
(4) Body Size: 9=Φ9mm.

Electrical Characteristics

Resistance at 25 ±20%	R25(Ω)	2.5(Ω)
Max. Permissible Working Current	I _{max} (A)	4A
Resistance under Load (mΩ)	(mΩ)	128mΩ
Dissipation Factor	δ(mW/)	11mW/
Thermal Time Constant	τ(Sec.)	35Sec.
permissible capacitance @240Vac	C(uF)	110uF

Maximum Power Rating(P_{max})



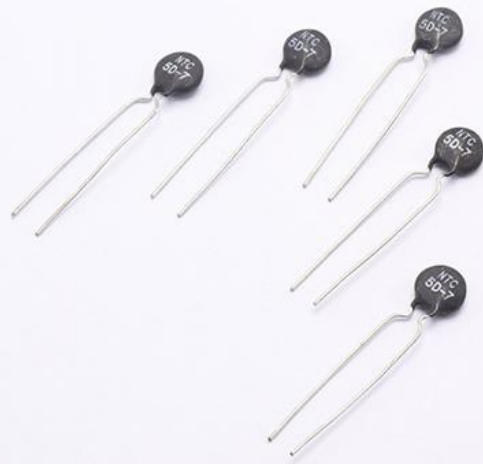
MF72-SCN2.5D-9 Packing Specification	Quantity (pcs/bag)
L short	1000
L long	500

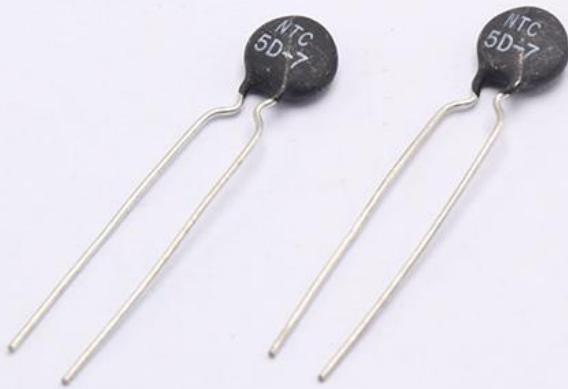
Structure and Dimensions (Unit: mm)

D max	T max	P max	F	H	Lshort/Llong	d	Type
10.5	5.5	3.0	7.5±0.5	--	7±1/20±1	0.75	S
10.5	5.5	3.0	7.5±0.5	16.5±1	4±1/20±1	0.75	K/V/D

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 °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°C×→+25°C×3min) × 5Cycles (-85°C×→+25°C×3min) × 5Cycles	ΔR/R ≤ ±20 %
Humidity Test	45°C 95%RH×1000 hours	ΔR/R ≤ ±20 %
Load Life	6 AMP×1000 hours	ΔR/R ≤ ±20 %
Insulation Test	DC 700V	R≥500MΩ

Product Display:



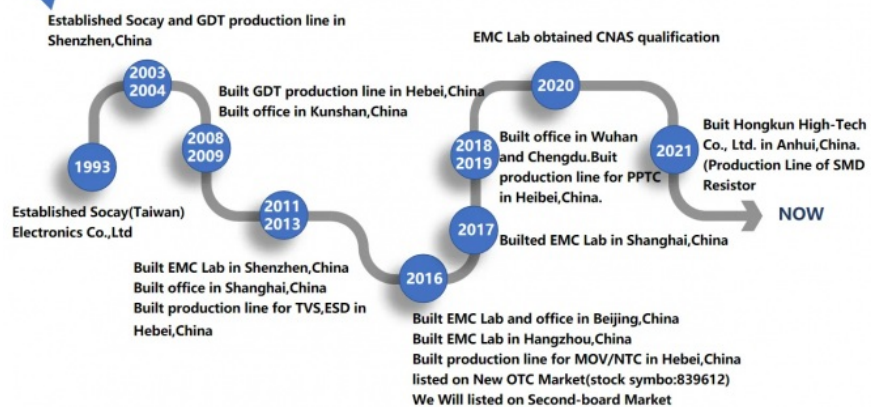




Company Profile:



History of Socay Group





5 invention patents

42 utility model patents

16 Design patent





Shipping:



FAQ:

Q: May we get some samples?

A: Of course, samples are available.

Q: What is product lead time?

A: For GDT, TVS and ESD, lead time will take 3-4 weeks. For TSS, MOV, MLV, NTC, and PPTC, lead time will take 4-6 weeks. Accurate lead time will be further confirmed when we know your specific requirement.

Q: Do you support customization?

A: Yes, we do.

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

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