



SOCAY Temperature Senso Power NTC Thermistor MF72-SCN3D-11 3Ω 11mm 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-SCN3D-11
- Minimum Order Quantity: 1000
- 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: Φ11mm
- NTC R25: 3Ω
- I_{max} A : 5A
- Resistance Under Load: 126mΩ
- δ mW/ : 13mW/
- τ Secs. : 43Secs.
- Capacitance: 220μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN3D-11 3Ω 11mm Wide Resistance Range

DATASHEET: [MF72-SCN3D-11_v2105.1.pdf](#)

Features:	Applications:	Storage Conditions of Products:
RoHS & Halogen Free (HF) compliant. Radial lead resin coated. Body size: $\Phi 11\text{mm}$. Wide resistance range. High power rating. Operating temperature range: $-40\sim+200$. Cost effective.	Electric motor. Switch mode power supply. Adapter. Transformer. Projector. LED driver circuit. Halogen lamp.	Period of Storage: 1 year. Storage Conditions: Storage Temperature: $-10 \sim +40$. Relative Humidity: $\leq 75\%RH$. Keep away from corrosive atmosphere and sunlight.

Part Number Code

MF72 SCN 3D - 11

(1) (2) (3) (4)

(1) MF72: MF72 Series.

(2) SCN: Socay NTC.

(3) 3D: Zero Power Resistance at 25 (R25):

(4) Body Size: 11= $\Phi 11\text{mm}$

Electrical Characteristics

Resistance at 25 $\pm 20\%$: R3(Ω)

Resistance under Load (m Ω): 126m Ω

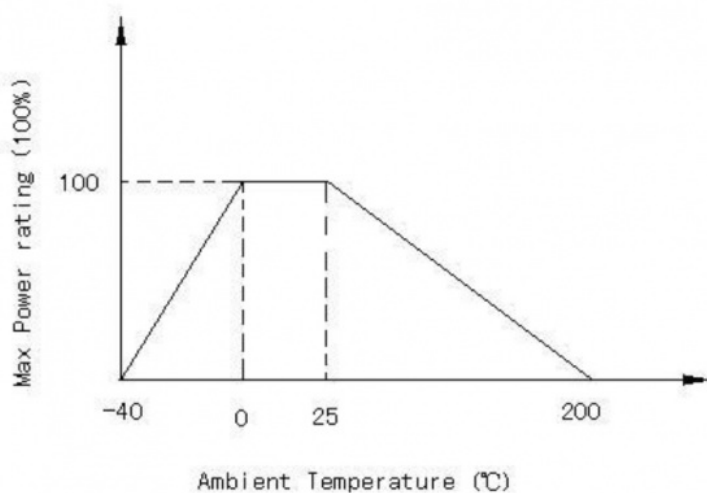
Max. Permissible Working Current: 5A

Thermal Time Constant τ (Sec.): 45Sec.

Dissipation Factor δ (mW/): 13mW/

permissible capacitance @240Vac C(μF): 220 μF

Maximum Power Rating(Pmax)



MF72-SCN3D-11

Quantity (pcs/bag)

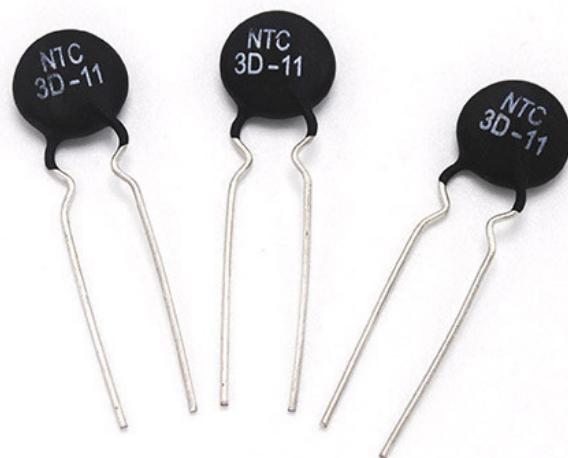
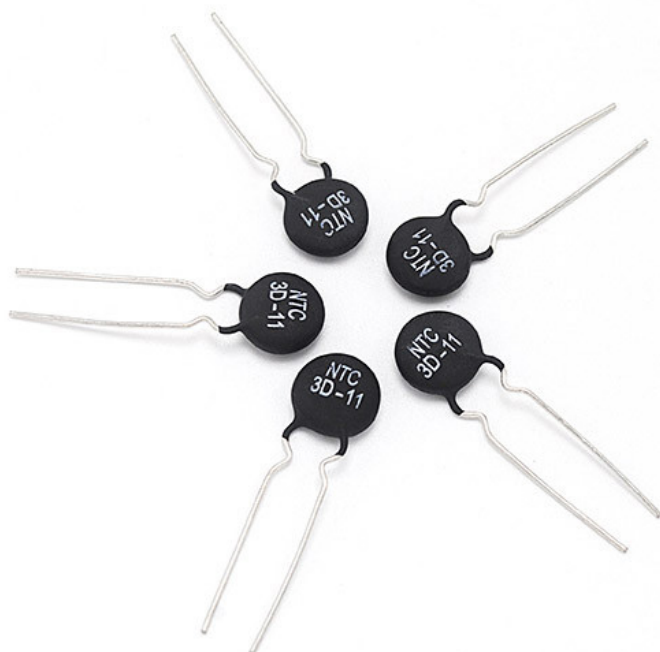
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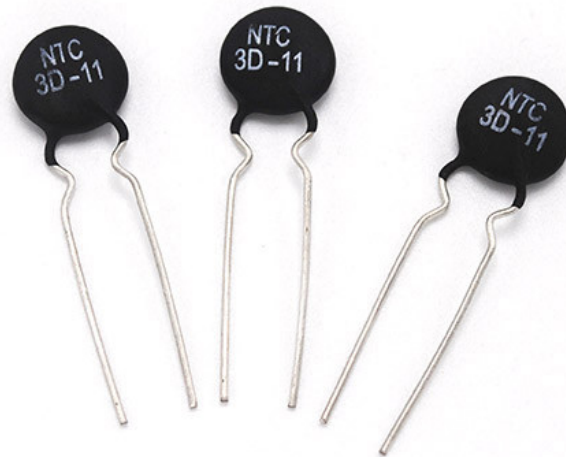
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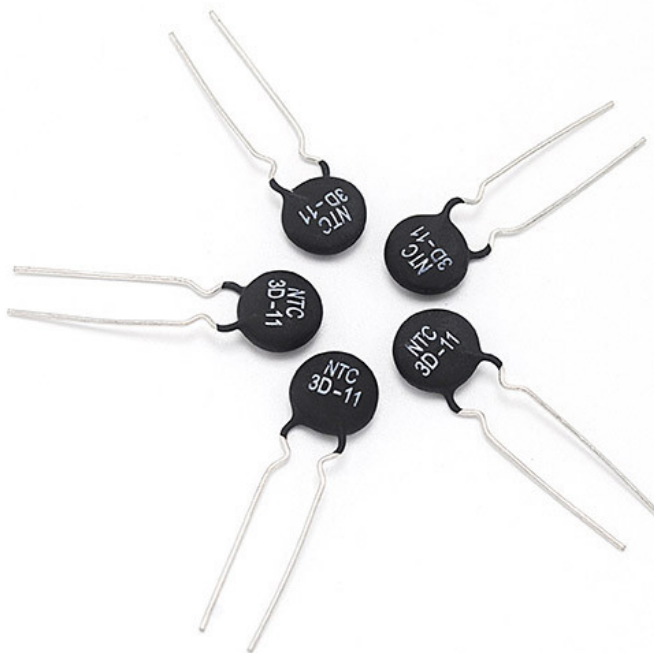
Reliability		
Item	Test conditions / Methods	Test Result
Tensile Strength of Terminals	Fasten body with a Load Applied to each lead 3.0Kg for 1sec.	No break out and damage
Bending Strength of Terminals	Fixed body hand 1.0kg on one terminal bend 90 then back again oppsite.	No break out and damage
Solder 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	$(-40^{\circ}\text{C} \times \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$ $(-85^{\circ}\text{C} \times \rightarrow +25^{\circ}\text{C} \times 3\text{min}) \times 5\text{Cycles}$	$ \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:





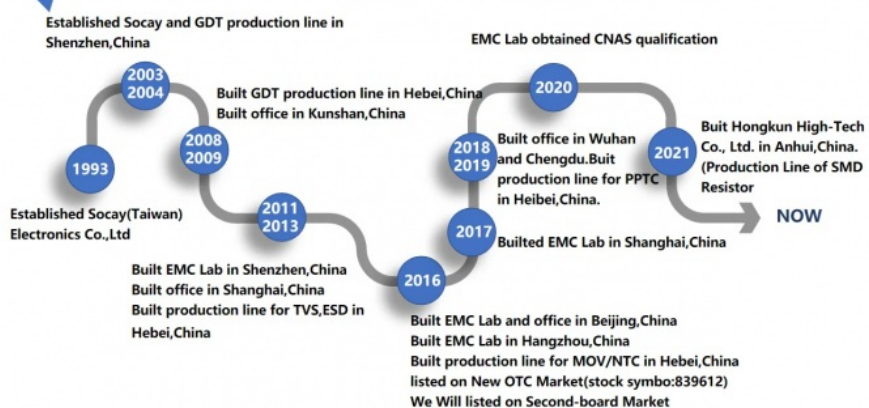




Company Profile:



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?

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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