



## SOCAY NTC Thermistor Winding /Thermal Resistor MF72 Serise SCN8D-13 4D 5D 10D 13mm Wide Resistance Range

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: Shenzhen,Guangdong,China
- Brand Name: SOCAY
- Certification: UL,REACH,ROHS,ISO
- Model Number: MF72-SCN8D-13
- Minimum Order Quantity: 250PCS
- Price: 0.01~0.3USD
- Packaging Details: Bulk
- Delivery Time: 5-7 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 250,000PCS Per Month



### Product Specification

- Resistance At 25  $\pm$ 20%: 8 $\Omega$
- Max. Permissible Working Current: 4A
- Resistance Under Load (m $\Omega$ ): 194m $\Omega$
- Dissipation Factor: 15mW/
- Thermal Time Constant: 68Sec.
- Maximum Permissible Capacitance @240Vac: 330uF
- Body Size: 13mm
- MOQ: 250PCS



### More Images



## Product Description

### SOCAY NTC Thermistor MF72 Serie SCN8D-13 4Ω 5D 10D 13mm

**DATASHEET:** [MF72-SCN8D-13\\_v2105.1.pdf](#)

#### Product Details:

Place of Origin: Shenzhen, Guangdong, China

Brand Name: SOCAY

Model Number: MF72-SCN8D-13

Certification: UL, REACH, ROHS, ISO

#### Payment & Shipping Terms:

Minimum Order Quantity: 250 PCS

Price: Negotiable

Packaging Details: Bulk

Delivery Time: 5-7 days

Payment Terms: T/T, Paypal, Western Union, Money gram

Supply Ability: 250,000 PCS Per Month

#### Storage Conditions of Products:

Storage Conditions:

Storage Temperature: -10 ~ +40 °C

Relative Humidity: ≤ 75%RH.

Keep away from corrosive atmosphere and sunlight.

2. Period of Storage: 1 year.

#### Features

- ◆ RoHS & Halogen Free (HF) compliant
- ◆ Body size: Φ13mm
- ◆ Radial lead resin coated
- ◆ High power rating
- ◆ Wide resistance range
- ◆ Cost effective
- ◆ Operating temperature range: -40~+200°C
- ◆ Agency recognition: UL /cUL/RoHS



#### Recommended Applications

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

#### Storage Conditions of Products

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

#### Part Number Code

MF72	SCN	8D	-	13
(1)	(2)	(3)	(4)	

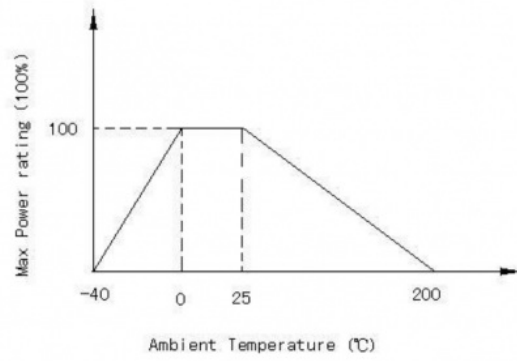
(1) MF72: MF72 Series.

(2) SCN: Socay NTC.

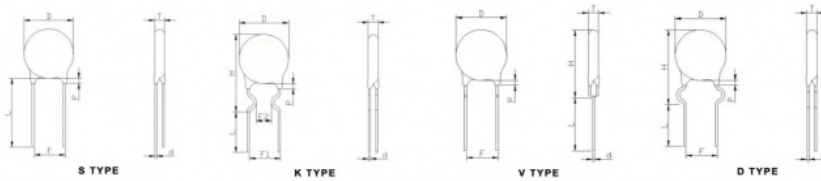
(3) 8D: Zero Power Resistance at 25°C (R<sub>25</sub>): 8=8Ω.

(4) Body Size: 13=Φ13mm.

#### Maximum Power Rating (Pmax)



#### Structure and Dimensions (Unit: mm)



D max	T max	P max	F	H	Lshort/Llong	d	Type
14.5	5.5	3.0	7.5±0.5	--	7±1/20±1	0.75	S
14.5	5.5	3.0	7.5±0.5	20.5±1	4±1/20±1	0.75	K/V/D

Note: Length of Pin (L) can be customized.

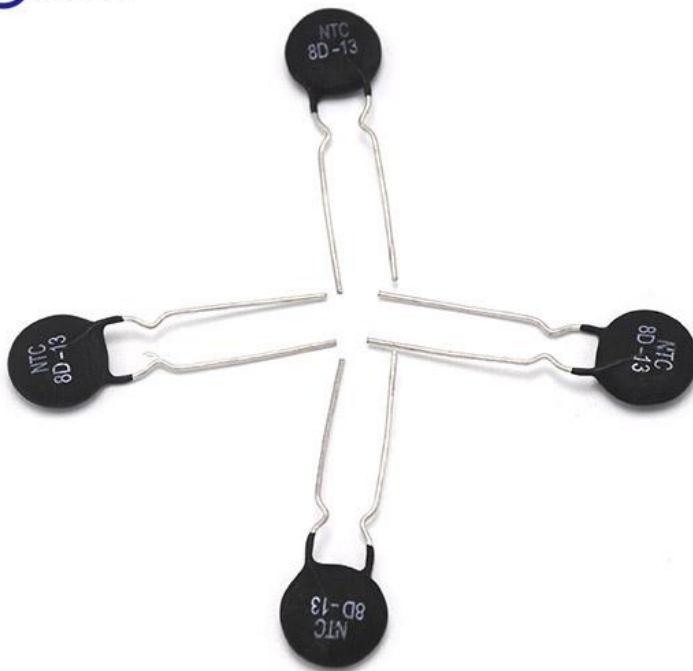
#### Packing Specification

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN8D-13	Lshort	250
	Llong	250

#### 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	$45^\circ\text{C}$ 95%RH×1000 hours	$ \Delta R/R  \leq \pm 20\%$
Load Life	6 AMP×1000 hours	$ \Delta R/R  \leq \pm 20\%$
Insulation Test	DC 700V	$R \geq 500\text{M}\Omega$

Product shown:

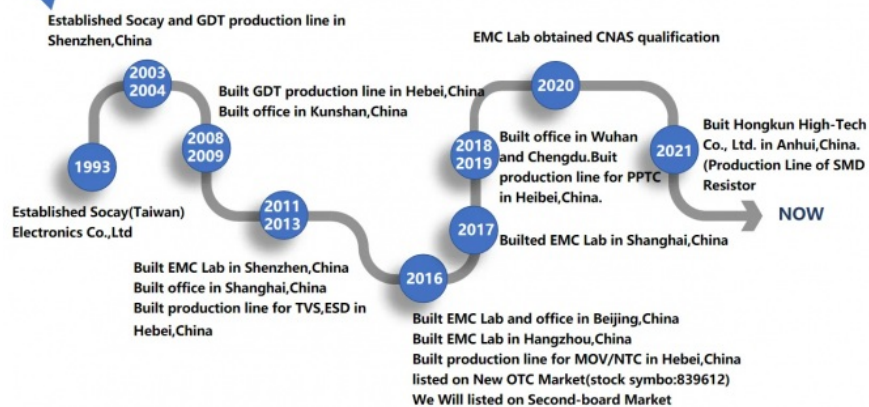




#### Company Profile:



#### History of Socay Group







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?

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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