



SOCAY Temperature Senso Power NTC Thermistor MF72-SC16D-9 16Ω 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-SCN16D-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: 16Ω
- I_{max} A : 1A
- Resistance Under Load: 802mΩ
- δ mW/ : 11mW/
- τ Secs. : 31Secs.
- Capacitance: 110μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN16D-9 16Ω 9mm Wide Resistance Range

DATASHEET: [MF72-SCN16D-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

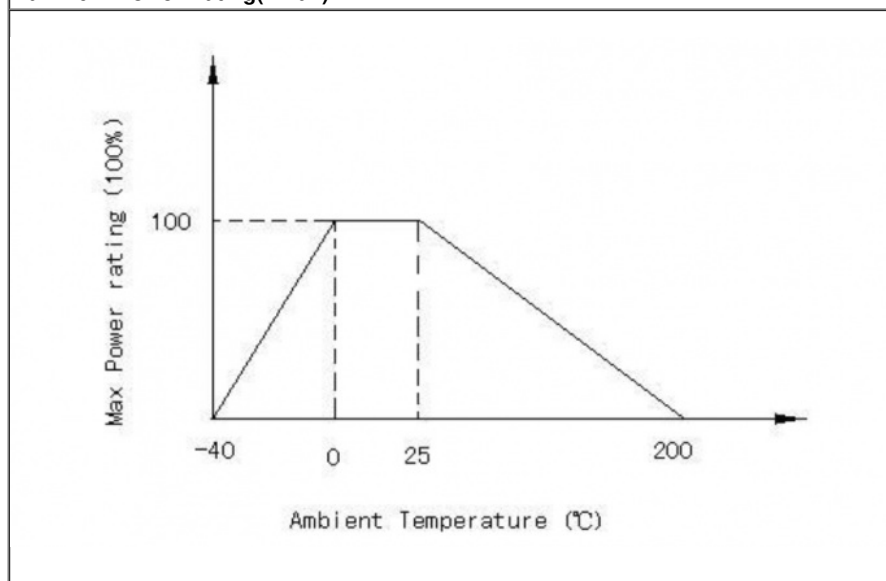
(1) (2) (3) (4)

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

Electrical Characteristics

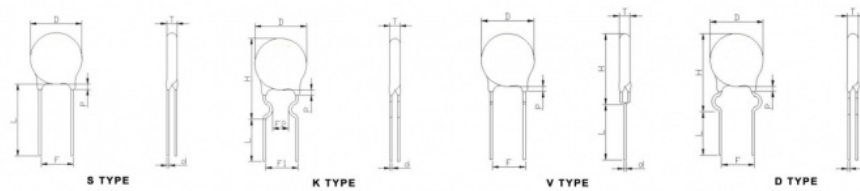
Resistance at 25 ±20%	R25(Ω)	2.5(Ω)
Max. Permissible Working Current	I _{max} (A)	4A
Resistance under Load (mΩ)	(mΩ)	128mΩ
Dissipation Factor	δ(mW/)	11mW/
Thermal Time Constant	τ(Sec.)	35Sec.
permissible capacitance @240Vac	C(uF)	110uF

Maximum Power Rating(P_{max})



MF72-SCN2.5D-9 Packing Specification

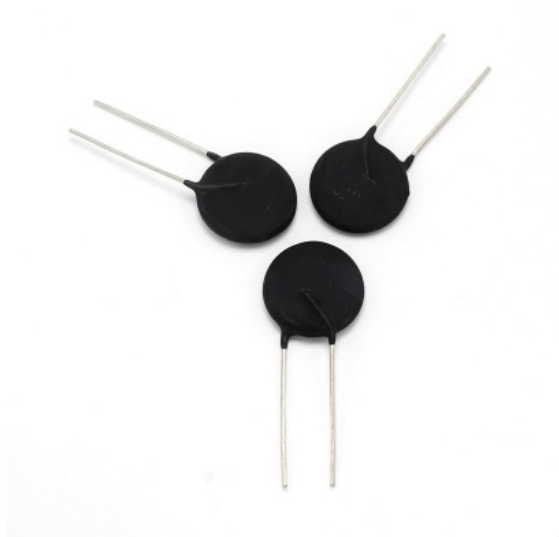
MF72-SCN2.5D-9 Packing Specification	Quantity (pcs/bag)
L short	1000

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 $235 \pm 5^{\circ}\text{C}$ 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×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≥500MΩ

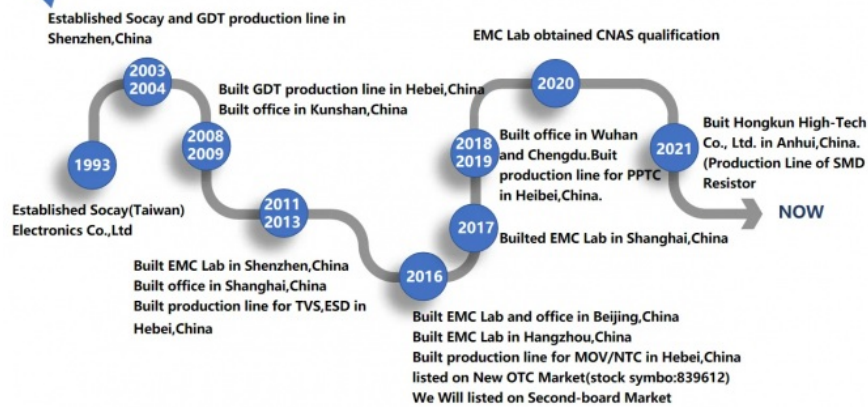
Product Pictures:



Company Profile:



History of Socay Group



5 invention patents

42 utility model patents

16 Design patent





Logistics services:



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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