



SOCAY Temperature Senso Power NTC Thermistor MF72-SCN16D-5 16Ω 5mm Wide Resistance Range

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, ROHS, ISO
- Model Number: MF72-SCN16D-5
- Minimum Order Quantity: 2000
- 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: Φ5mm
- NTC R25: 16Ω
- I_{max} A : 0.5A
- Resistance Under Load: 1093mΩ
- δ mW/ : 6mW/
- τ Secs. : 18Secs.
- Capacitance: 47μF



More Images



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Product Description

SOCAY Power NTC Thermistor MF72-SCN16D-5 16Ω 5mm Wide Resistance Range

DATASHEET: [MF72-SCN16D-5.pdf](#)

Product features:

Body size: $\Phi 5\text{mm}$.
 Radial lead resin coated.
 High power rating.
 Wide resistance range.
 Cost effective.
 Operating temperature range: $-40\sim+200$.

Applications:

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

Storage Conditions of Products:

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

Part Number Code

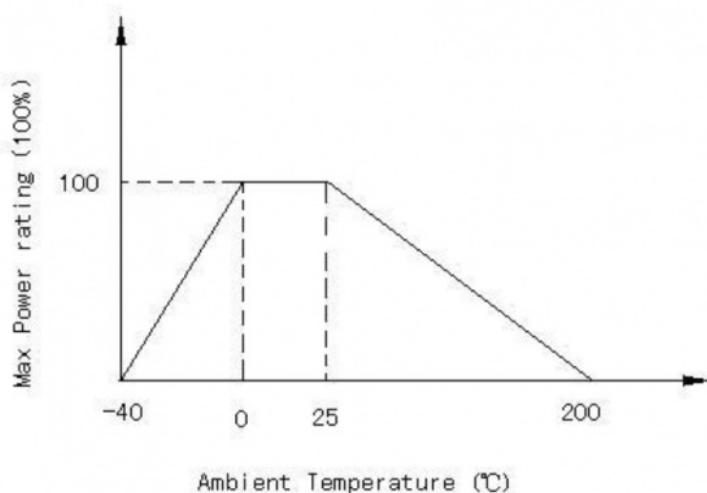
MF72 SCN 16D - 5
 (1) (2) (3) (4)

(1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 16D: Zero Power Resistance at 25 (R_{25}): $16=16\Omega$
 (4) Body Size: $5=\Phi 5\text{mm}$

Electrical Characteristics

Resistance at 25 $\pm 20\%$ $R_{25}(\Omega)$: 16Ω
 Max. Permissible Working Current: 0.5A
 Resistance under Load (m Ω): 1093m Ω
 Dissipation Factor $\delta(\text{mW/})$: 6mW/
 Thermal Time Constant $\tau(\text{Sec.})$: 18Sec.
 permissible capacitance @240Vac C(μF): 47 μF

Maximum Power Rating(P_{max})



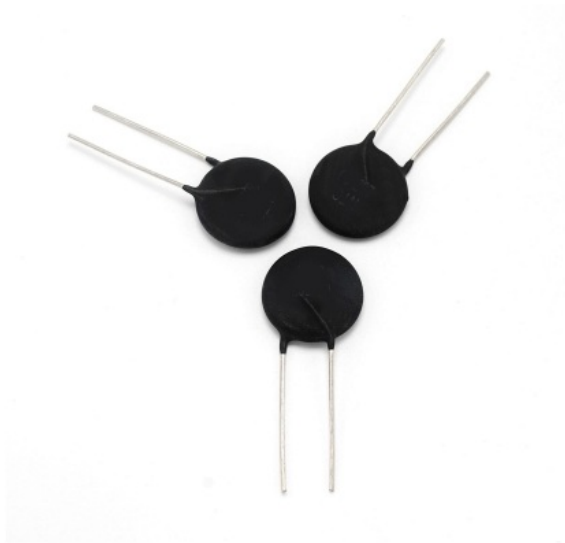
Packing

Quantity (pcs/bag)

L short	2000
L long	1000

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:

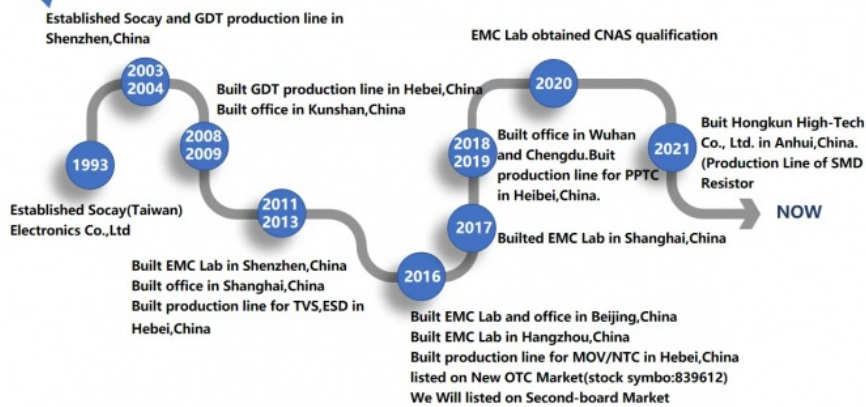




Company Profile:



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.

Contact Person: Aria Wei

Tel/WhatsApp/Wechat/Skype: +8615778830733

Email Address: sc72@socay.com

Website: www.socay.com / www.socay.en.alibaba.com

Address: Floor 4, Building C, Hengxing Science park, No.19 Minqing Road, Longhua District, Shenzhen



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,
GuangDong Province, China