



## SOCAY MF72-SCN20D-5 NTC 20D-5 Power Thermistor 1878mΩ 40μF RoHS compliant

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: MF72-SCN20D-5
- Minimum Order Quantity: 1000PCS / 2000PCS
- Price: Negotiable
- Packaging Details: Bulk
- Delivery Time: 5-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 200,000PCS Per Month



### Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ5mm
- R25: 20Ω
- I<sub>max</sub>: 0.3A
- Resistance Under Load: 1878mΩ
- δ: 6mW/
- τ: 18 Secs.
- Storage Temperature Range: -10 ~ +40
- Maximum Permissible Capacitance @240Vac: 47μF
- Relative Humidity: ≤ 75%RH



### More Images



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

## Product Description

**SOCAY MF72-SCN20D-5 NTC 20D-5 Power Thermistor 1878mΩ 40μF RoHS compliant**

**DATASHEET:** [MF72-SCN20D-5.pdf](#)

Part Number	Resistance at 25 ±20%	Max. Permissible Working Current	Resistance under Load (mΩ)	Dissipation Factor	Thermal Time Constant	Maximum permissible capacitance @240Vac
	R25(Ω)	I <sub>max</sub> (A)	(mΩ)	δ(mW/ )	τ(Sec.)	C(μF)
MF72-SCN5D-11	20	0.3	1878	6	18	47

### Features:

RoHS & Halogen Free (HF) compliant  
 Body size: Φ5mm  
 Radial lead resin coated  
 High power rating  
 Wide resistance range  
 Cost effective  
 Operating temperature range: -40~+200  
 Agency recognition: UL /cUL/RoHS

### Applications:

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

### 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

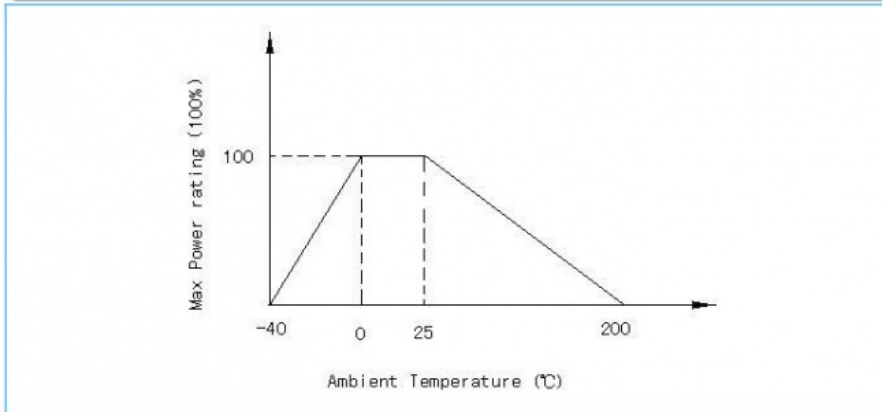
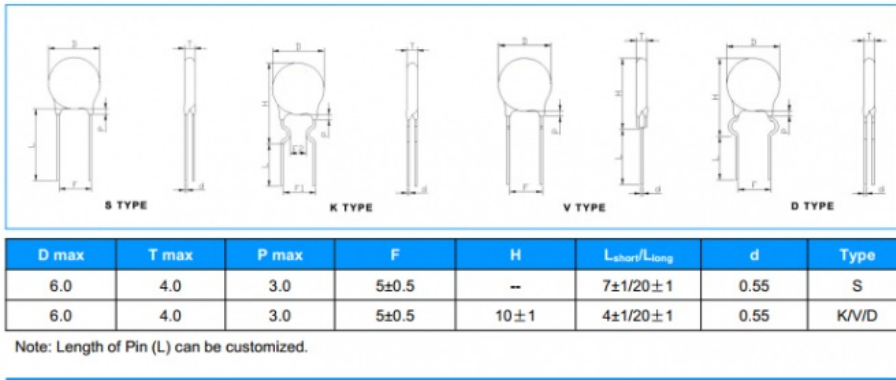
<b>MF72</b>	<b>SCN</b>	<b>20D</b>	<b>- 5</b>
(1)	(2)	(3)	(4)

(1) MF72: MF72 Series.

(2) SCN: Socay NTC.

(3) 20D: Zero Power Resistance at 25°C(R<sub>25</sub>): 20=20Ω.

(4) Body Size: 5=Φ5mm.

**Maximum Power Rating (Pmax)****Structure and Dimensions (Unit: mm)****Packing Specification:**

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN5D-11	Lshort	2000
	Llong	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 ± 5 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 × → +25 × 3min) × 5Cycles (-85 × → +25 × 3min) × 5Cycles	ΔR/R   ≤ ±20 %
Humidity Test	45 95%RH×1000 hours	ΔR/R   ≤ ±20 %
Load Life	6 AMP×1000 hours	ΔR/R   ≤ ±20 %
Insulation Test	DC 700V	R≥500MΩ

**Product Picture:**

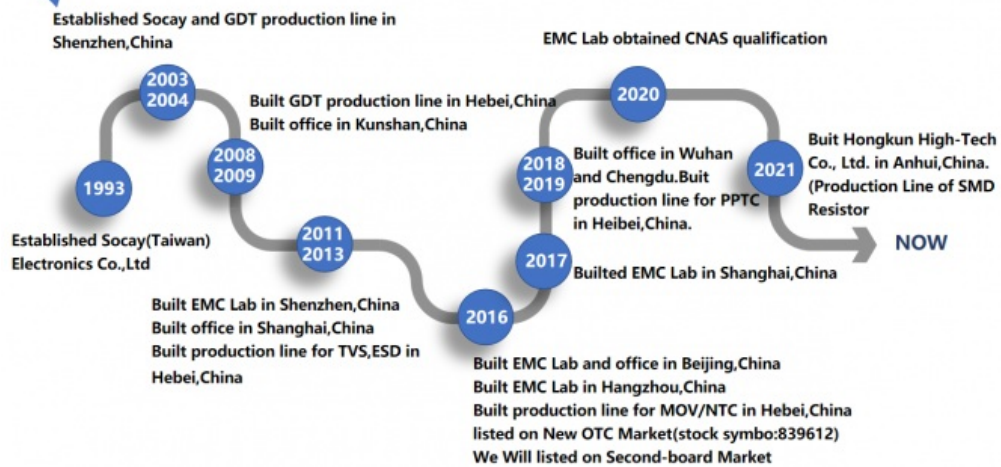


**Company profile:**





## History of Socay Group





#### Certificates:



5 invention patents

42 utility model patents

16 Design patent



#### Mode of Transport::





**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: Are you a Manufacturer?

A: YES.



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