



SOCAY Power NTC Thermistor MF72-SCN10D-5 10Ω I_{max} 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-SCN10D-5
- Minimum Order Quantity: 2000PCS
- Price: Negotiable
- Packaging Details: Bulk
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ5mm
- NTC R25: 10Ω
- I_{max} A : 0.7A
- Resistance Under Load: 771mΩ
- δ mW/ : 6mW/
- τ Secs. : 20Secs.
- Capacitance: 47μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN10D-5 10Ω I_{max} Wide Resistance Range

DATASHEET: [MF72-SCN10D-5.pdf](#)

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
 Certificate: UL /cUL/RoHS

Utilize:

Switch mode power supply
 Power operated
 Transformer
 Adapter
 Projector
 Halogen lamp
 LED driver circuit

Product storage conditions:

Storage Conditions:
 Storage Temperature: -10 ~ +40 .
 Relative Humidity: ≤ 75%RH.
 Keep away from corrosive atmosphere and sunlight.

Period of Storage: 1 year

Electrical characteristics:

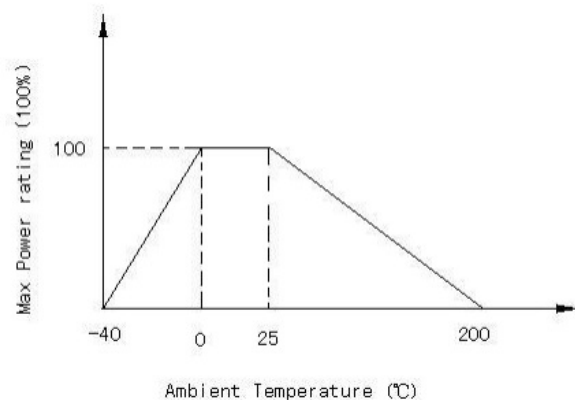
Part No.	Resistance at 25 ±20%	Max. Permissible Working Current	Resistance under Load (mΩ)	Dissipation Factor	Thermal Time Constant	Maximum permissible capacitance @240Vac
	R25(Ω)	I _{max} (A)	(mΩ)	δ(mW/)	τ(Sec.)	C(μF)
MF72-SCN2.5D-13	10	0.7	771	6	20	47

Part No. Code:

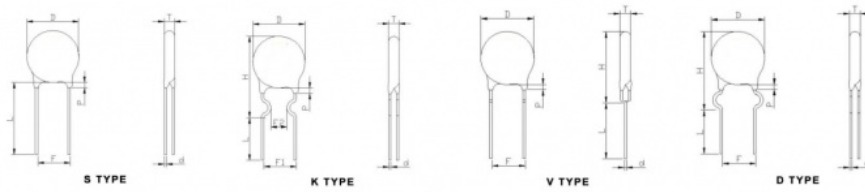
MF72	SCN	10D	-	5
(1)	(2)	(3)	(4)	

- (1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 2.5D: Zero Power Resistance at 25 (R25): 10=10Ω.
 (4) Body Size: 5=Φ5mm.

Maximum Power



Dimensions and Structure (Unit: mm)



D max	T max	P max	F	H	Lshort / Long	d	Type
6	4	4	35±0.5	--	7±1/20±1	0.55	S
6	4	4	35±0.5	10±1	4±1/20±1	0.55	K/V/D

Packing:

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN10D-5	Lshort	2000
	Llong	1000

Dependability:

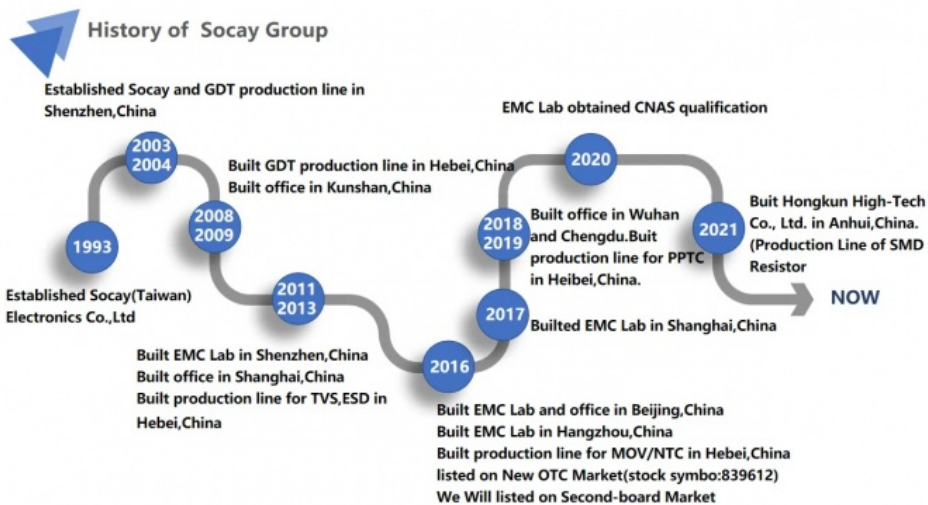
Item	Test conditions / Methods	Test Result
Tensile Strength of Terminals	Fasten body with a Load Applied to each lead 3.0Kg for 1sec.	No break out and damage
Bending Strength of Terminals	Fixed body hand 1.0kg on one terminal bend 90 then back again oppsite.	No break out and damage
Solder Ability	When the Lead wire was dipped into bath Of 235 ± 5 °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℃×→+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



Company Profile:

We are a manufacturer and supplier with over 20 years of experience in electronic components, as shown below,

- 1- ESD
- 2- TVS Diodes
- 3- PPTC Resettable Fuse
- 4- Gas Discharge Tube
- 5- NTC Themistor
- 6- Varistor,etc.





5 invention patents

42 utility model patents

16 Design patent

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

Other hot product



 **SOCAY® Shenzhen Socay Electronics Co., Ltd.**



+8618126201429



sylvia@socay.com



socaydiode.com

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