



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

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-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_{max}: 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



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 _{max} (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

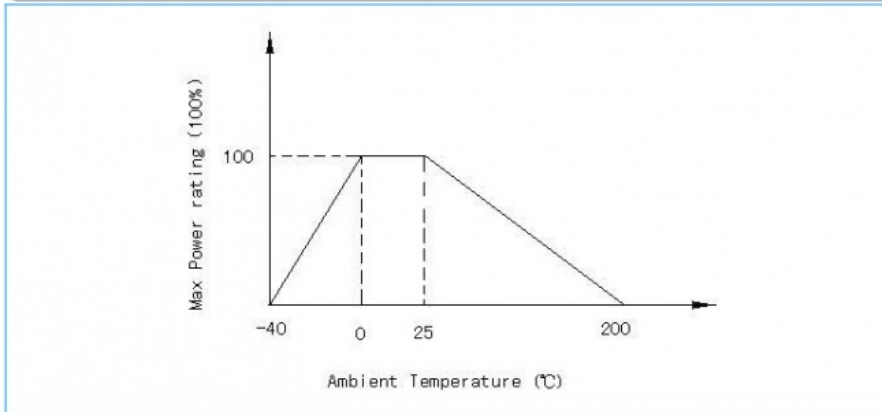
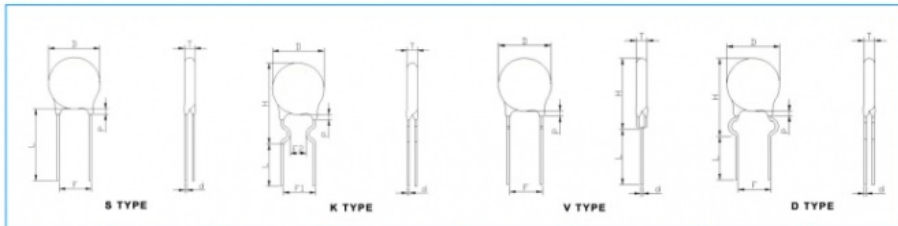
MF72	SCN	20D	- 5
(1)	(2)	(3)	(4)

(1) MF72: MF72 Series.

(2) SCN: Socay NTC.

(3) 20D: Zero Power Resistance at 25°C(R₂₅): 20=20Ω.

(4) Body Size: 5=Φ5mm.

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

D max	T max	P max	F	H	Lshort/Llong	d	Type
6.0	4.0	3.0	5±0.5	—	7±1/20±1	0.55	S
6.0	4.0	3.0	5±0.5	10±1	4±1/20±1	0.55	K/V/D

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

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	$(-40 \times \rightarrow +25 \times 3\text{min}) \times 5\text{Cycles}$ $(-85 \times \rightarrow +25 \times 3\text{min}) \times 5\text{Cycles}$	$ \Delta R/R \leq \pm 20\%$
Humidity Test	45 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 Picture:

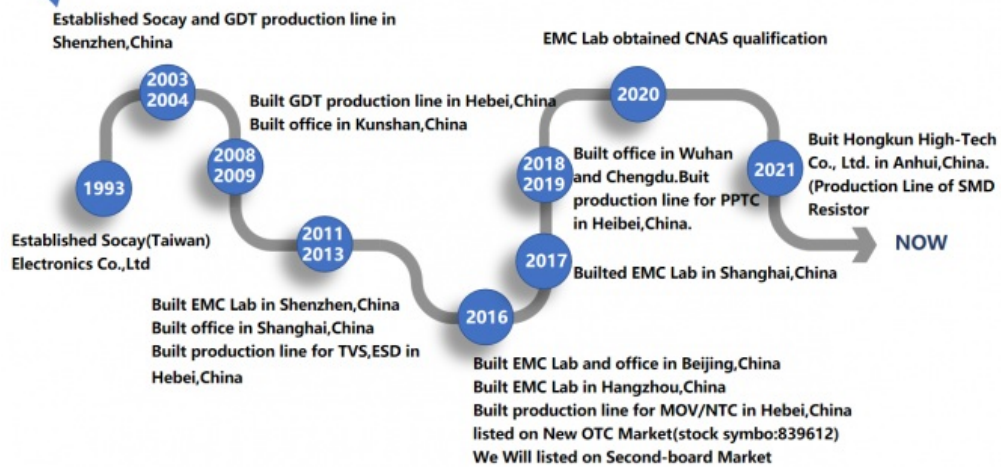


Company profile:





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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