



SOCAY Power NTC Thermistor MF72-SCN10D-20 10Ω 20mm 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-9
- Minimum Order Quantity: 2000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ20mm
- NTC R25: 10Ω
- I_{max} A : 16A
- Resistance Under Load: 194mΩ
- δ W/ : 23m
- τ Secs. : 118Secs.
- Capacitance: 560μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN10D-20 10Ω 20mm Imax Wide Resistance Range

DATASHEET: [MF72-SCN10D-20_v2106.1.pdf](#)

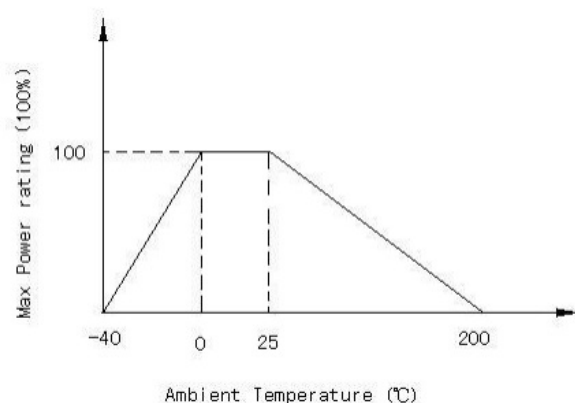
Features	RoHS & Halogen Free (HF) compl					
	Body size: Φ20mm					
	Radial lead resin coat					
	High power rating					
	Wide resistance range					
	Cost effective					
	Operating temperature range: -40~+200					
Agency recognition: UL /cUL/RoHS						
Recommended Applications	Switch mode power supply					
	Electric motor					
	Transformer					
	Adapter					
	Projector					
	Halogen lamp					
LED driver circuit						
Storage Conditions of Products	Storage Conditions:					
	Storage Temperature: -10 ~ +40 . Relative Humidity:≤ 75%RH. Keep away from corrosive atmosphere					
	Period of Storage: 1 year					
Electrical characteristics:						
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-SCN10D-9	10	16	194	23	118	560

Part No. Code:

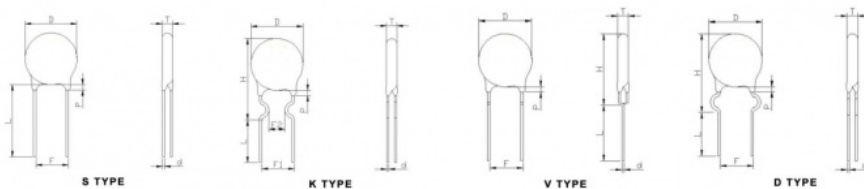
MF72	SCN	10D	- 20
(1)	(2)	(3)	(4)

- (1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 2.5D: Zero Power Resistance at 25 (R25): 10=10Ω.
 (4) Body Size: 20=Φ20mm.

Maximum Power Rating(P_{max})



Dimensions and Structure (Unit: mm)



D max	T max	P max	F	H	Lshort / Llong	d	Type
22	7	3	10±0.5	--	7±1/20±1	1	S
22	7	3	10±0.5	27.5±1	4±1/20±1	1	K/V/D

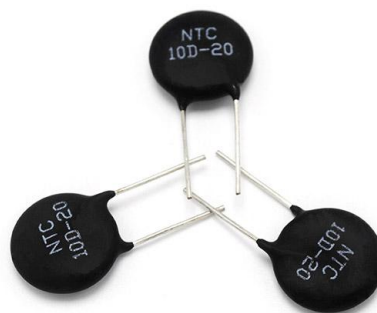
Packing:

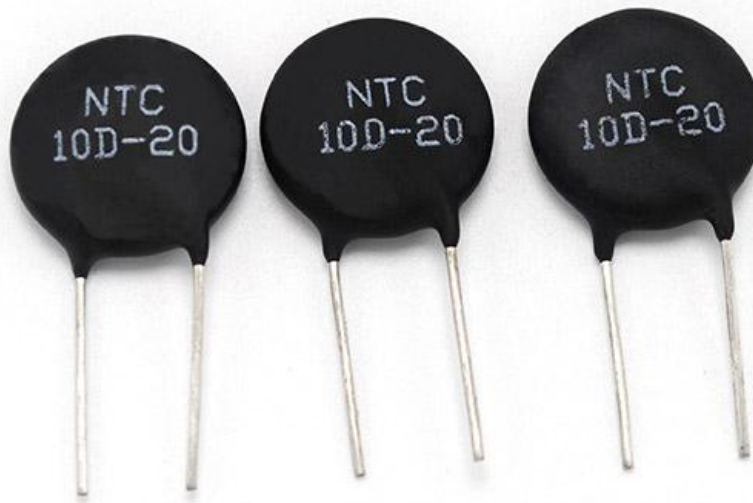
Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN10D-20	Lshort	100
	Llong	100

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 $235 \pm 5^\circ\text{C}$ 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	$R \geq 500\text{M}\Omega$

Product Display





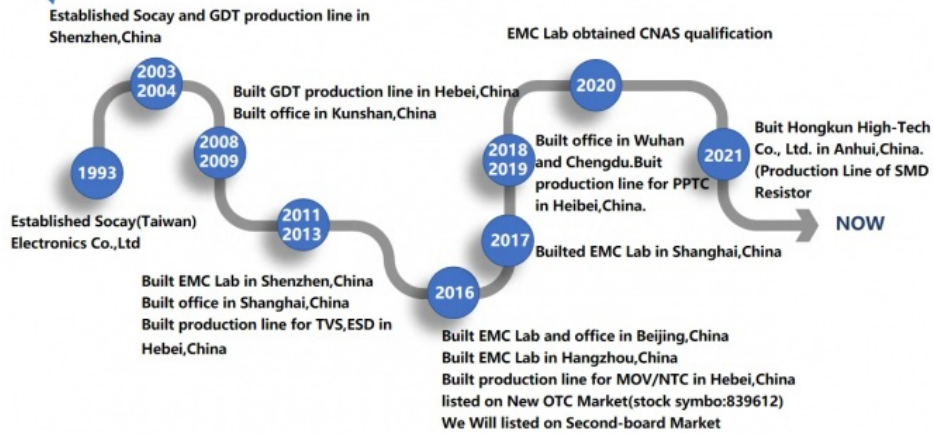
Company Profile:

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 Thermistor
- 6- Varistor, etc.



History of Socay Group





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.

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Other hot product





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