

SOCAY Power NTC Thermistor MF72-SCN20D-20 20Ω 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-SCN20D-20
- Minimum Order Quantity: 250PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ20mm
- NTC R25: 20Ω
- I_{max} A : 4A
- Resistance Under Load: 194mΩ
- δ mW/ : 15mW/
- τ Secs. : 60Secs.
- Capacitance: 330μF



More Images



Product Description

SOCAY Power NTC Thermistor MF72-SCN20D-20 20Ω 20mm I_{max} Wide Resistance Range

DATASHEET: [MF72-SCN20D-20_v2105.1.pdf](#)

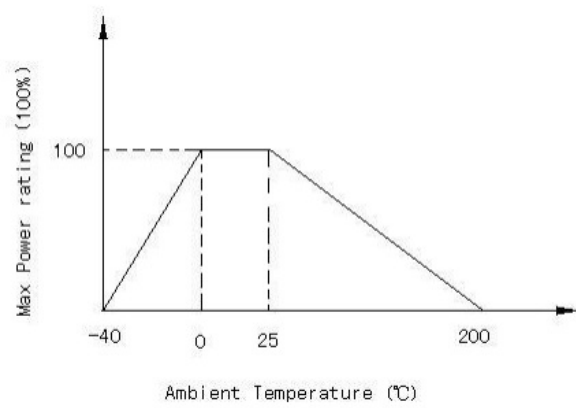
Features	Halogen-free RoHS (HF)
	Body size: 13mm
	Radial layer of lead pool
	High power
	Wide range of obstacles
	Effectiveness
	Your temperature: -40 ~+200
	Agency approved: UL /cUL/RoHS
Recommended Applications	Switch mode power supply
	Electric motor
	Transformer
	Adapter
	Projector
	Halogen lam
	LED driver circui
Storage Conditions of Products	Storage Conditions:
	Storage Temperature: -10 ~ +40 . Relative Humidity:≤75%RH. Keep away from corrosive atmo
	Period of Storage: 1 ye
Part Number Code	
	<div><div>MF72</div><div>SCN</div><div>8D</div><div>-</div><div>13</div></div>
	<div><div>(1)</div><div>(2)</div><div>(3)</div><div></div><div>(4)</div></div>
	(1) MF72: MF72 Series.
	(2) SCN: Socay NTC
	(3) 10D: Zero Power Resistance at 25 (R25):8
(4) Body Size: 13=Φ13mm	

Electrical characteristics:

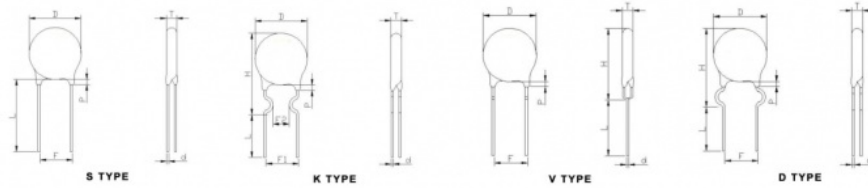
Part Number	Resistance at 25 ±20%	Max. Permissible Working Current	Resistance under Load (mΩ)	Dissipation Factor	Thermal Time Constant	Maximum permissible capacitance @240Vac
	R25(Ω)	I _{max} (A)	(mΩ)	δ(mW/)	τ(Sec.)	C(uF)
MF72-SCN10D-9	8	4	194	15	60	330



Maximum Power Rating(P_{max})



Dimensions and Structure (Unit: mm)



D max	T max	P max	F	H	Lshort / Llong	d	Type
14.5	14.5		37.5±0.5	--	7±1/20±1	0.75	S
14.5	14.5		37.5±0.5	20.5±1	4±1/20±1	0.75	K/V/D

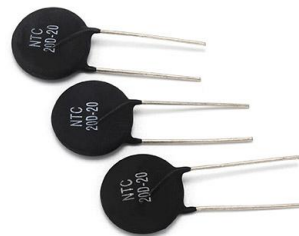
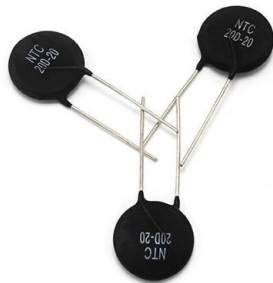
Packing:

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN20D-20	Lshort	100
	Llong	100

Dependability:

Item	Test conditions / Meth	Test Result
Tensile Strength of Termin	Fasten body with a Load Applied to each lead 3.0	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% so
Temp. Cycle Tes	(-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 hou	ΔR/R ≤ ±20 %
Insulation Test	DC 700	R≥500MΩ

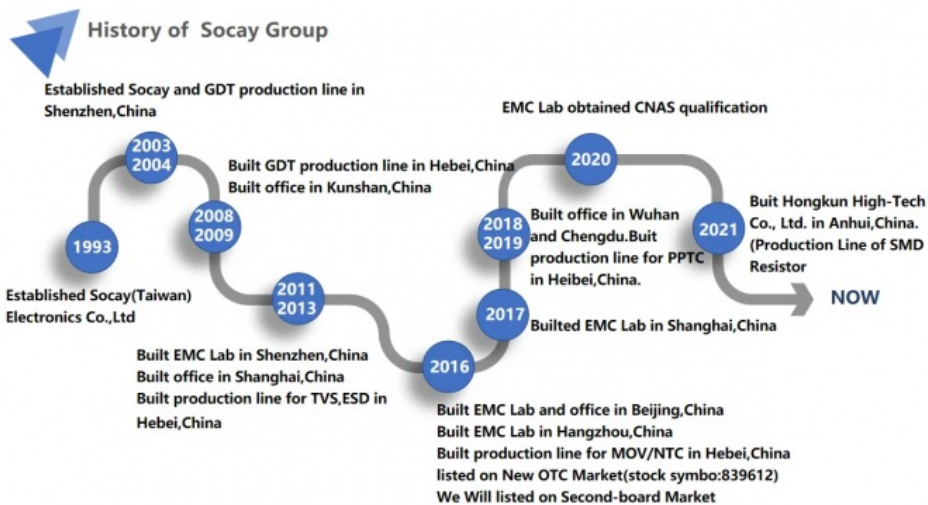
Product Display



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.





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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