



Radial Lead Resin Coated NTC Thermistor MF72-SCN10D-11 3A I_{max} Wide Resistance Range

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: MF72-SCN10D-11
- Minimum Order Quantity: 1000PCS / 500PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: $\Phi 11\text{mm}$
- R25: 10Ω
- I_{max}: 3A
- Resistance Under Load: $275\text{m}\Omega$
- δ : 14mW/
- τ : 47 Secs.
- Storage Temperature Range: -10 To +40
- Highlight: Radial Lead NTC Thermistor,
Resin Coated NTC Thermistor, NTC 10D-11



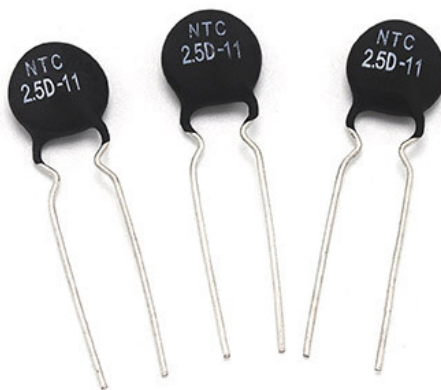
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Product Description

SOCAY Radial Lead Resin Coated NTC Thermistor MF72-SCN10D-11 Operating Temperature Range -40~+200

DATASHEET: [MF72-SCN10D-11_v2105.1.pdf](#)

Part Number	Resistance at 25 ±20%	Max. Permissible Working Current	Resistance under Load (mΩ)	Dissipation Factor	Thermal Time Constant	Maximum permissible capacitance @240Vac
	$R_{25}(\Omega)$	$I_{max}(A)$	(mΩ)	$\delta(mW/)$	$\tau(Sec.)$	$C(\mu F)$
MF72-SCN10D-11	10	3	275	14	47	220



Classification

DIP:5Φ~25Φ

Current:0.3A~20A

PPTC:Positive temperature coefficient

NTC:Negative temperature coefficient,
collectively referred to as thermistors.

Applications:

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

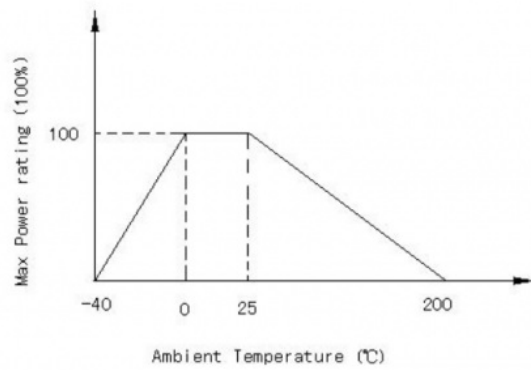
Part Number Code

MF72 SCN 10D - 11

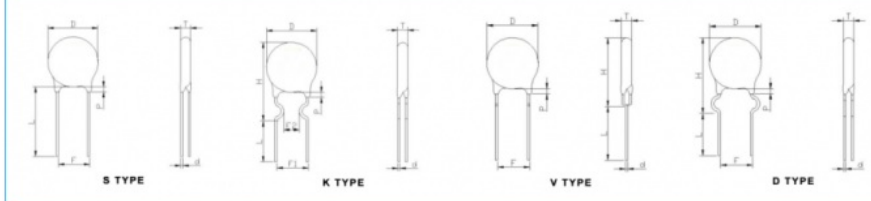
(1) (2) (3) (4)

- (1) MF72: MF72 Series.
(2) SCN: Socay NTC.
(3) 10D: Zero Power Resistance at 25℃(R₂₅):10=10Ω.
(4) Body Size: 11=Φ11mm.

Maximum Power Rating (Pmax)



Structure and Dimensions (Unit: mm)



D max	T max	P max	F	H	L short/L long	d	Type
12.5	5.5	3.0	7.5±0.5	—	7±1/20±1	0.75	S
12.5	5.5	3.0	7.5±0.5	17.5±1	4±1/20±1	0.75	K/V/D

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

Part Number	Type of L	Quantity (pcs/bag)
MF72-SCN10D-11	L _{short}	1000
	L _{long}	500

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

We are manufacturer and supplier with over 20 years experience for passive components as below

- 1- ESD
2- TVS Diodes

- 3- PPTC Resettable Fuse
- 4- Gas Discharge Tube
- 5- NTC Themistor
- 6- Varistor,etc.



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