



MF72-SCN2.5D-11 NTC Thermistor 95mΩ Resistance Under Load NTC 2.5D-11 For Transformer

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: MF72-SCN2.5D-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: 2.5 Ω
- I_{max}: 5A
- Resistance Under Load: 95m Ω
- δ : 13mW/
- τ : 43 Secs.
- Storage Temperature Range: -10 To +40
- Highlight: NTC Thermistor 95m Ω ,
Transformer NTC Thermistor, NTC 2.5D-11



More Images

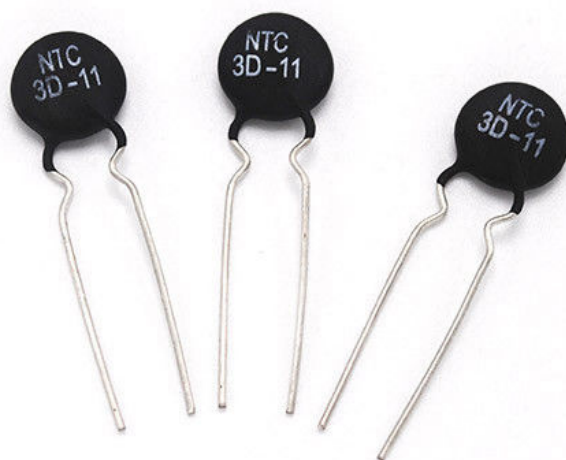


Product Description

Original Factory Supply MF72-SCN2.5D-11 Resistance at 25 $2.5\Omega \pm 20\%$ NTC Thermistor 95m Ω Resistance Under Load

DATASHEET: [MF72-SCN2.5D-11_v2105.1.pdf](#)

| Part Number | Resistance at 25 $\pm 20\%$ | Max. Permissible Working Current | Resistance under Load (m Ω) | Dissipation Factor | Thermal Time Constant |
|-----------------|-----------------------------|----------------------------------|-------------------------------------|--------------------|-----------------------|
| | $R_{25}(\Omega)$ | $I_{max}(A)$ | (m Ω) | $\delta(mW/)$ | $\tau(Sec.)$ |
| MF72-SCN2.5D-11 | 2.5 | 5 | 95 | 13 | 43 |



Features:

RoHS & Halogen Free (HF) compliant
 Body size: $\phi 13mm$
 Radial lead resin coated
 High power rating
 Wide resistance range
 Cost effective
 Operating temperature range: $-40 \sim +200$
 Agency recognition: UL /cUL/RoHS

Applications:

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

Storage Conditions of Products:

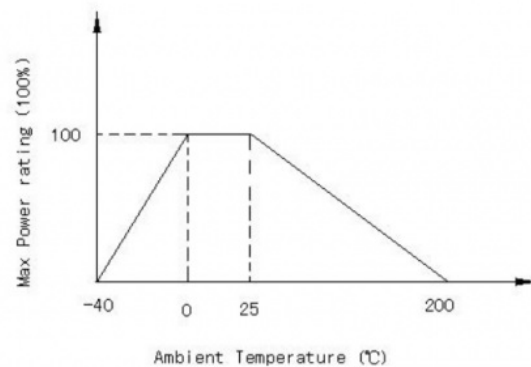
u Storage Conditions:
 Storage Temperature: -10 ~ +40 .
 Relative Humidity: ≤ 75%RH.
 Keep away from corrosive atmosphere and sunlight.
 u Period of Storage: 1 year.

Part Number Code

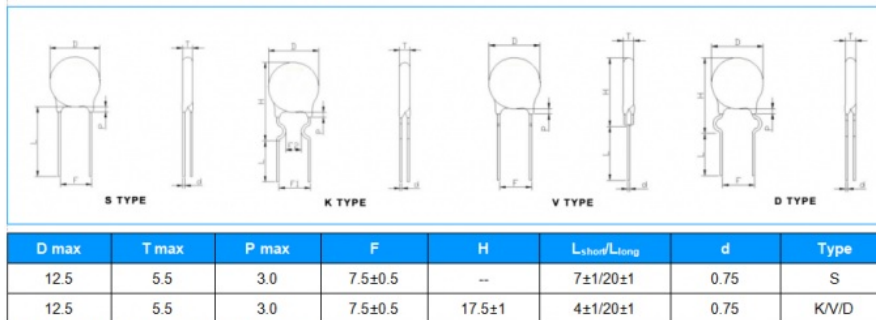
MF72 SCN 2.5D - 11
 (1) (2) (3) (4)

- (1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 2.5D: Zero Power Resistance at 25℃(R₂₅) 2.5=2.5Ω.
 (4) Body Size: 11=Φ11mm.

Maximum Power Rating (Pmax)



Structure and Dimensions (Unit: mm)



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

| Part Number | Type of L | Quantity (pcs/bag) |
|-----------------|--------------------|--------------------|
| MF72-SCN2.5D-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 |
|-----------------|---------|---------|



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