



MF72-SCN5D-11 NTC 5D-11 Thermistor 156mΩ 220μF RoHS compliant

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: MF72-SCN5D-11
- Minimum Order Quantity: 1000PCS / 500PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ11mm
- R25: 5Ω
- I_{max}: 4A
- Resistance Under Load: 156mΩ
- δ: 13mW/
- τ: 45 Secs.
- Storage Temperature Range: -10 To +40
- Highlight: NTC 5D-11 Thermistor,
RoHS NTC 5D-11 Thermistor



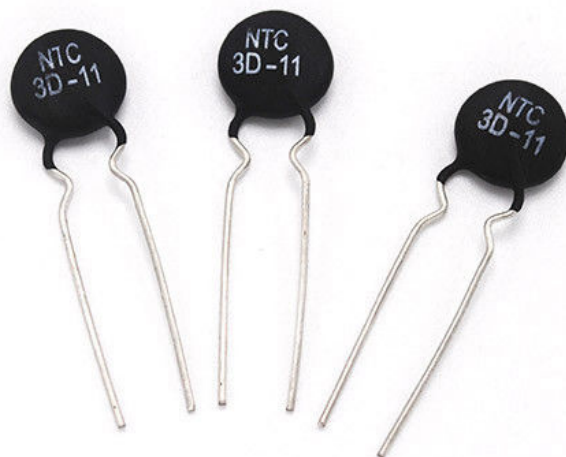
for more products please visit us on socaydiode.com

Product Description

Fast Delivery Time MF72-SCN5D-11 Resistance at 25 $5\Omega \pm 20\%$ NTC Thermistor 156m Ω 220 μ F

DATASHEET: [MF72-SCN5D-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	Maximum permissible capacitance @240Vac
	R ₂₅ (Ω)	I _{max} (A)	(m Ω)	δ (mW/)	τ (Sec.)	C(μ F)
MF72-SCN5D-11	5	4	156	13	45	220



Features:

RoHS & Halogen Free (HF) compliant
 Body size: $\phi 11$ mm
 Radial lead resin coated
 High power rating
 Wide resistance range
 Cost effective
 Operating temperature range: -40~+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:

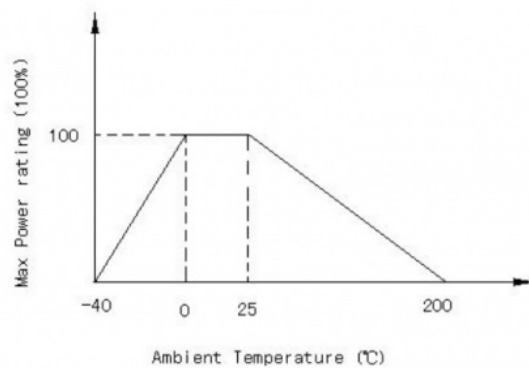
u Storage Conditions:
 Storage Temperature: -10 ~ +40 .
 Relative Humidity: ≤ 75%RH.
 Keep away from corrosive atmosphere and sunlight.
 u Period of Storage: 1 year.

Part Number Code

MF72 SCN 5D - 11
 (1) (2) (3) (4)

- (1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 5D: Zero Power Resistance at 25℃(R₂₅): 5=5Ω.
 (4) Body Size: 11=Φ11mm.

Maximum Power Rating (Pmax)



Structure and Dimensions (Unit: mm)

S TYPE	K TYPE	V TYPE	D TYPE				
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-SCN5D-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	$ \Delta R/R \leq \pm 20\%$
Insulation Test	DC 700V	$R \geq 500M\Omega$



+8618126201429

sylvia@socay.com

socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,
GuangDong Province, China