



Φ11mm NTC Thermistor MF72-SCN8D-11 NTC 3D-11 For LED Driver Circuit Electric Motor

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: MF72-SCN8D-11
- Minimum Order Quantity: 1000PCS / 500PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: NTC Thermistor
- Package Type: Φ11mm
- R25: 8Ω
- I_{max}: 3A
- Resistance Under Load: 255mΩ
- δ: 14mW/
- τ: 47 Secs.
- Storage Temperature Range: -10 To +40
- Highlight: 11mm NTC Thermistor,
Electric Motor NTC Thermistor, NTC 3D-11



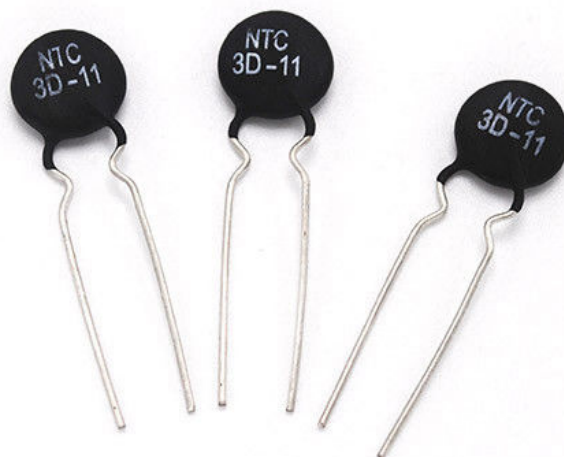
for more products please visit us on socaydiode.com

Product Description

SOCAY NTC Thermistor MF72-SCN8D-11 in Stock Body Size $\Phi 11\text{mm}$ for LED Driver Circuit

DATASHEET: [MF72-SCN8D-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
	$R_{25}(\Omega)$	$I_{\max}(\text{A})$	(m Ω)	$\delta(\text{mW/})$	$\tau(\text{Sec.})$	$C(\mu\text{F})$
MF72-SCN8D-11	8	3	255	14	47	220



Features:

RoHS & Halogen Free (HF) compliant
 Body size: $\Phi 13\text{mm}$
 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.

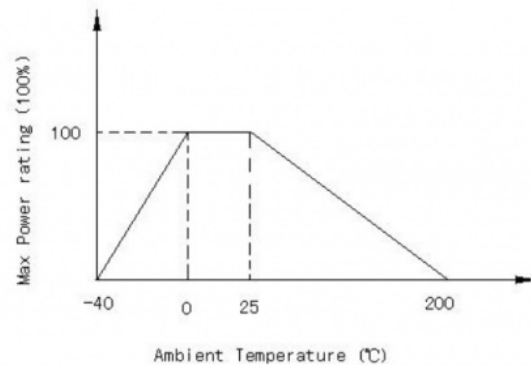
Part Number Code

MF72 SCN 8D - 11

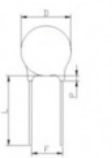
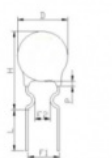
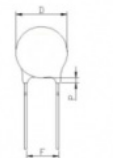
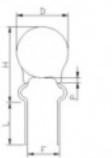
(1) (2) (3) (4)

- (1) MF72: MF72 Series.
 (2) SCN: Socay NTC.
 (3) 8D: Zero Power Resistance at 25℃(R₂₅):8=8Ω.
 (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-SCN8D-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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