



Ceramic Stable SMD NTC Thermistor Fast Response For LED Lighting

Our Product Introduction

Basic Information

- Place of Origin: Dongguan China
- Brand Name: linkun
- Certification: CE / ROHS / UL / TUV / SGS
- Model Number: SMD NTC Thermistor
- Minimum Order Quantity: Negotiation
- Price: Negotiation
- Packaging Details: Export Package / Negotiation
- Delivery Time: Negotiation
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 24 million per year



Product Specification

- Feature: Fast Response
- Application: General Purpose, Electronic Product
- Accuracy: +/-1% ~5%
- Operating Temperature: -50-200 Degrees Celsius
- Resistance Tolerance: 10%-0.15%
- Operating Range: -50~200c
- Highlight: **Ceramic SMD NTC Thermistor,
Stable SMD NTC Thermistor,
LED NTC SMD Thermistor**

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Product Description

Fast Response Miniature Size SMD NTC Type Thermistor High Reliability Ceramic Structure

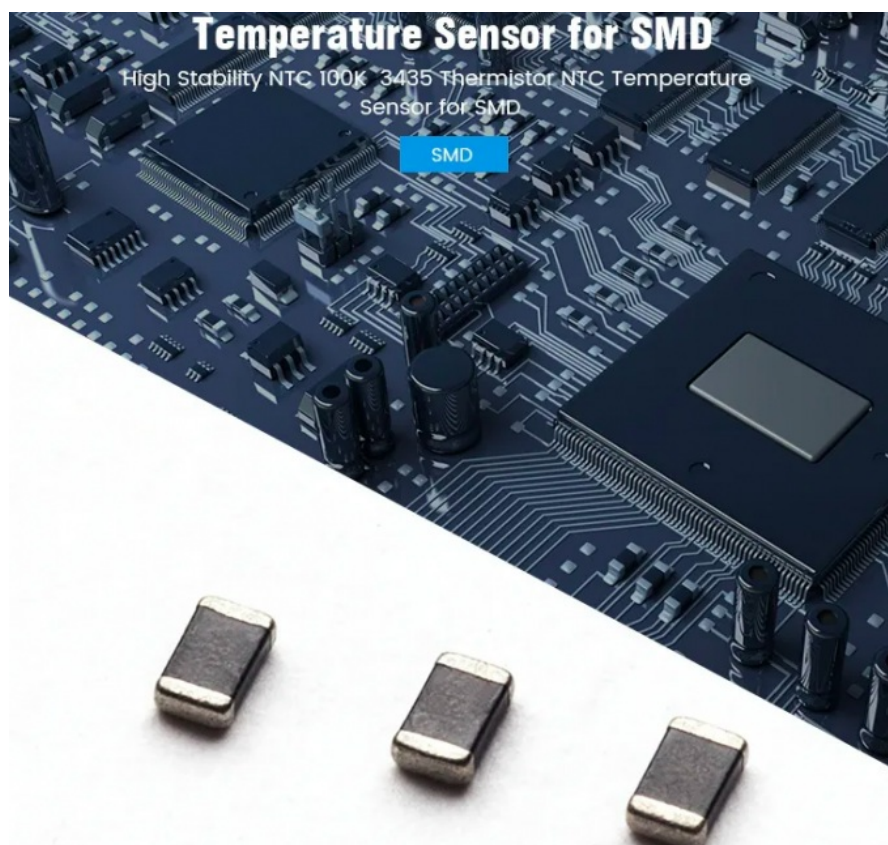
In a smartphone or tablet, multiple SMD thermistors are used for temperature monitoring, and the basic circuit is a voltage divider circuit connected in series with NTC thermistors and fixed resistors. The resistance value of the NTC thermistor installed near the heat-generating parts such as the CPU and power module will decrease with the rise of temperature, so the output voltage of the voltage divider circuit will change, and the change will protect the circuit components after being sent to the microcontroller. Affected by overheating.

Features

Coated with glass layer, excellent humidity resistance, high reliability and stability
Miniature size, no lead, excellent solderability, ideal for high density SMT installation
Wide operating temperature range: -55 ~ 125
Series of B constant for various applications

Application

Telecommunication equipment such as cellphone, automobile phone, etc.
Office automation such as printer, Fax machine, projector, desktop computer, etc.
Consumer electronics such as video recorder, laptop, wearable devices, etc.
Others such as power supplies, rechargeable batteries and chargers, LED lighting fields, etc.



Specification

1. Professional Varistor supplier. SMD series
2. Wide parameter range for your choice.
3. High quality guaranteed ISO9001:2008 quality approve
4. Application: Electronic products, new products, new designs.
5. Technical support and professional recommendation

| type | size L×W×T(mm) | R25 (kΩ) | B(25/50) (K) | allowable working current (25) (mA) | Thermal time constant |
|------------|-------------------|-------------|-----------------|--------------------------------------------|--------------------------|
| QN020 1 | 0.60×0.30×0.30 | 1.0 220 | 3380 4485 | 0.06 1.00 | 3 |
| QN040 2 | 1.00×0.50×0.50 | 1.0 680 | 3380 4500 | 0.03 1.00 | 3 |
| QN060 3 | 1.60×0.80×0.80 | 1.0 1300 | 3380 4500 | 0.02 1.00 | 5 |
| QN080 5 | 2.00×1.25×0.85 | 1.0 1300 | 3380 4500 | 0.02 1.40 | 5 |

| | | | | | |
|------------|--------------------|---------|-----------|-----------|---|
| QN120 6 | 3.20×1.60×0.8 5 | 10 1300 | 3380 4500 | 0.03 0.66 | 8 |
|------------|--------------------|---------|-----------|-----------|---|

Product parameters

| P/N | R@25 | Tolerance(%) | Beta Value | Tolerance(%) |
|----------|---------|--------------|------------|--------------|
| MF11-050 | 5 | | 2400 | |
| MF11-100 | 10 | | 2800 | |
| MF11-150 | 15 | | 2800 | |
| MF11-200 | 20 | | 2800 | |
| MF11-220 | 22 | | 2800 | |
| MF11-270 | 27 | | 3000 | |
| MF11-330 | 33 | | 3000 | |
| MF11-390 | 39 | | 3000 | |
| MF11-470 | 47 | | 3100 | |
| MF11-500 | 50 | | 3100 | |
| MF11-680 | 68 | | 3100 | |
| MF11-820 | 82 | | 3100 | |
| MF11-101 | 100 | | 3200 | |
| MF11-121 | 120 | | 3200 | |
| MF11-151 | 150 | | 3200 | |
| MF11-201 | 200 | | 3200 | |
| MF11-221 | 220 | | 3500 | |
| MF11-271 | 270 | | 3500 | |
| MF11-331 | 330 | | 3500 | |
| MF11-391 | 390 | | 3500 | |
| MF11-471 | 470 | | 3500 | |
| MF11-501 | 500 | | 3500 | |
| MF11-561 | 560 | | 3500 | |
| MF11-681 | 680 | | 3800 | |
| MF11-821 | 820 | | 3800 | |
| MF11-102 | 1000 | | 3800 | |
| MF11-122 | 1200 | ±5 ±10 ±20 | 3800 | ±5 ±10 |
| MF11-152 | 1500 | | 3800 | |
| MF11-202 | 2000 | | 4000 | |
| MF11-222 | 2200 | | 4000 | |
| MF11-272 | 2700 | | 4000 | |
| MF11-302 | 3000 | | 4000 | |
| MF11-332 | 3300 | | 4000 | |
| MF11-392 | 3900 | | 4000 | |
| MF11-472 | 4700 | | 4050 | |
| MF11-502 | 5000 | | 4050 | |
| MF11-562 | 5600 | | 4050 | |
| MF11-682 | 6800 | | 4050 | |
| MF11-822 | 8200 | | 4050 | |
| MF11-103 | 10000 | | 4050 | |
| MF11-123 | 12000 | | 4050 | |
| MF11-153 | 15000 | | 4150 | |
| MF11-203 | 20000 | | 4300 | |
| MF11-303 | 30000 | | 4300 | |
| MF11-473 | 47000 | | 4300 | |
| MF11-503 | 50000 | | 4300 | |
| MF11-683 | 68000 | | 4300 | |
| MF11-104 | 100000 | | 4500 | |
| MF11-124 | 120000 | | 4700 | |
| MF11-154 | 150000 | | 4700 | |
| MF11-204 | 200000 | | 4700 | |
| MF11-304 | 300000 | | 4700 | |
| MF11-504 | 500000 | | 4800 | |
| MF11-105 | 1000000 | | 4900 | |

Product Uses

- 1.TCXO, Temperature compensating circuit of LCD
- 2.Temperature sensing in rechargeable batteries and chargers/CPU
- 3.IC and semiconductor protecting.
- 4.Printer temperature compensating circuit. Player Driver
- 5.Telecom exchanger

Conventional product electrical performance parameters

| Part No. | R25 (KΩ) | B(K) 25/50 | Rated Power @25 (mW) | Dissipation Factor(δ) (mW/) | Thermal time Constant (S) |
|-------------|-------------|---------------|----------------------|---------------------------------|------------------------------|
| TS502□3274A | 5.0 | 3274 | 10-20 | 2-4 | 5-20 |

| | | | | | |
|-------------|-------|------|-------|-----|------|
| TS502□3435B | 5.0 | 3435 | 10-20 | 2-4 | 5-20 |
| TS502□3470A | 5.0 | 3470 | 10-20 | 2-4 | 5-20 |
| TS502□3950A | 5.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS103□3274A | 10.0 | 3274 | 10-20 | 2-4 | 5-20 |
| TS103□3435B | 10.0 | 3435 | 10-20 | 2-4 | 5-20 |
| TS103□3470A | 10.0 | 3470 | 10-20 | 2-4 | 5-20 |
| TS103□3950A | 10.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS103□4100A | 10.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS153□3950A | 15.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS153□4100A | 15.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS203□3950A | 20.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS203□4100A | 20.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS223□4200A | 22.0 | 4200 | 10-20 | 2-4 | 5-20 |
| TS403□3928A | 40.0 | 3928 | 10-20 | 2-4 | 5-20 |
| TS503□3950A | 50.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS503□4100A | 50.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS104□3950A | 100.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS104□4100A | 100.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS104□4400A | 100.0 | 4400 | 10-20 | 2-4 | 5-20 |

Negative temperature coefficient thermistor, also known as NTC thermistor, is a kind of sensor resistance whose resistance value decreases with the increase of temperature. Widely used in various electronic components, such as temperature sensors, resettable fuses and self-adjusting heaters, etc.

PRODUCT CATEGORIES



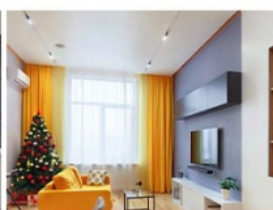
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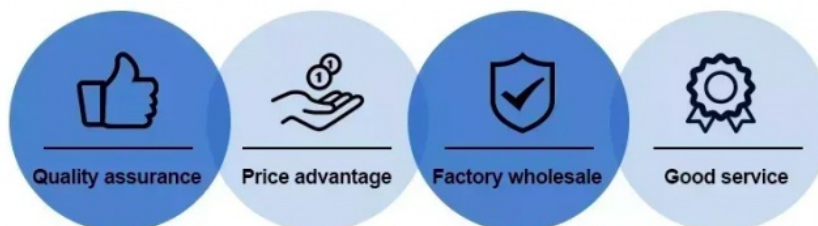
CERTIFICATES



OUR PARTNERS



Our advantage:



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