



No Leads SMD NTC Thermistor Ultra Small For DC AC Transformer

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: Ultra-Small Size
- Application: General Purpose, Electronic Product
- Accuracy: $\pm 1\% \sim 5\%$
- Operating Temperature: $-50 \sim 200$ Degrees Celsius
- Resistance Tolerance: $10\% \sim 0.15\%$
- Operating Range: $-50 \sim 200^\circ\text{C}$
- Highlight: **No Leads SMD NTC Thermistor,
DC SMD NTC Thermistor,
Ultra Small Transformer NTC Thermistor**

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Product Description

Ultra-Small Size No Leads SMD NTC Thermistor For DC/AC Transformer And HIC Over Heat Protecting.

The chip NTC thermistor has the features of miniature Size,no-lead, quick temperature response.The product's ceramic body are coated with galss.The termination has been carried on craft of electroplating of three layers,suit for reflow and flow solder.Has the high reliability

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°C 125°C
Series of B constant for various applications

Applications: temperature compensation of crystal oscillators (TCXO); temperature compensation of personal computers; temperature detection of CPU and storage devices; temperature detection of battery packs; temperature compensation of LCD contrast; temperature compensation and sensing of car audio equipment (CD , MD, tuner).

Our advantage

1. Small quantity is accepted.
2. Well and strict quality control.
3. We have series ex-factory tests before shipment, such as pulling test, high & low temperature test, drop test, temperature cycling experiment etc.

type	size L×W×T(mm)	R25 (kΩ)	B(25/50) (K)	allowable working current (25°C) (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	3.20×1.60×0.85	10 1300	3380 4500	0.03 0.66	8

Product parameters

P/N	R@25°C	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		3800	
MF11-152	1500	±5 ±10 ±20	3800	±5 ±10
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
- 6.DC/AC transformer and HIC over heat protecting.

Conventional product electrical performance parameters

Part No.	R25°C (KΩ)	B(K) 25/50°C	Rated Power @25°C(mW)	Dissipation Factor(δ) (mW/°C)	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.

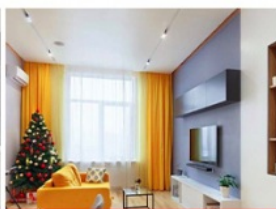
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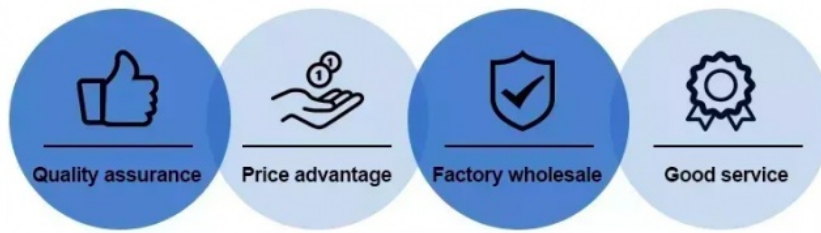


ROHS

OUR PARTNERS



Our advantage:



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