

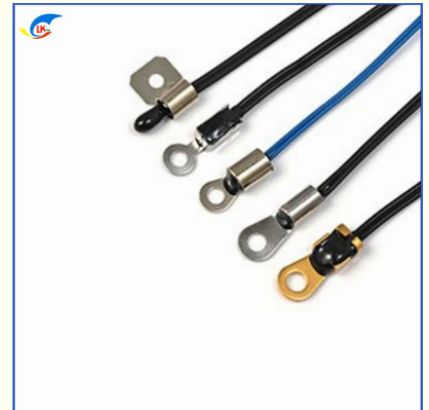


Energy Storage New Energy Vehicle Thermistor M3 M4 Wiring Ring 10K \pm 1% B3435 Tail Connected To XH2.54

Our Product Introduction

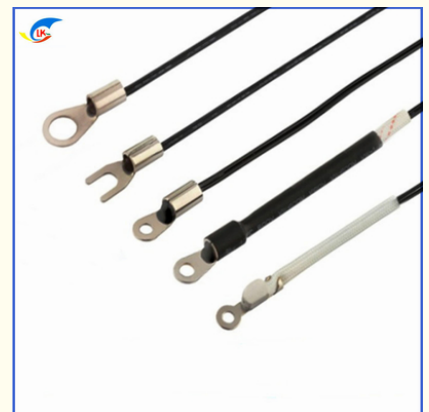
Basic Information

- Place of Origin: Dongguan China
- Brand Name: linkun
- Certification: CE / ROHS / UL / TUV / SGS
- Model Number: Household Appliance Temperature Sensor
- 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

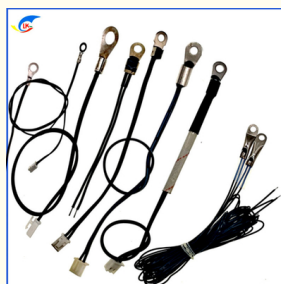
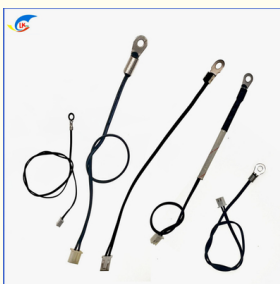


Product Specification

- Resistance Value: 1K, 5K, 10K, 50K, 100K, 15K
- Accuracy: $\pm 1\%$
- Usage: Temperature Sensor
- Temperature Range: -40~120°C
- Theory: Digital
- Resistance Tolerance: F $\pm 1\%$, G: $\pm 2\%$, H: $\pm 3\%$, J: $\pm 5\%$, K: $\pm 10\%$
- Highlight: 10K Surface Mount Temperature Sensor,
3435 Surface Mount Temperature Sensor,
NTC 100K 3950



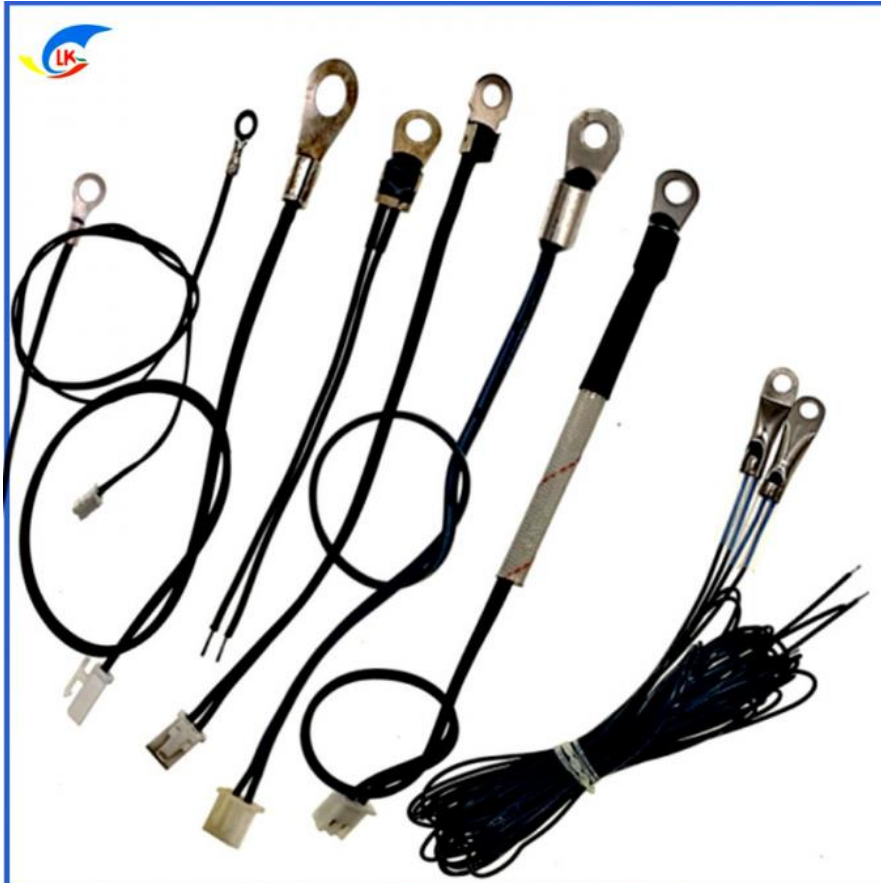
More Images



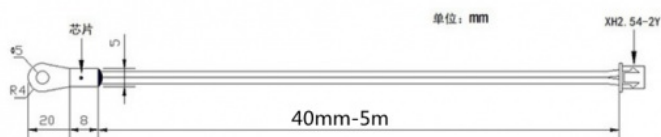
for more products please visit us on lk-thermistor.com

Product Description

Energy Storage New Energy Vehicle Thermistor M3 M4 Wiring Ring 10K \pm 1% B3435 Tail Connected To XH2.54



PRODUCT PARAMETERS



Product Usage:

Electric blankets, heated clothes, thermostatic coasters, bottle warmers, disinfection cabinets, car refrigerators, electric hot water faucets, refrigerators, Freezers, water heaters, water dispensers, heaters, dishwashers, dryers, medium and low temperature drying ovens, and thermostatic ovens

Temperature measurement and control in other occasions.

Product Features:

- 1: This series of products is NTC thermistor temperature sensor
- 2: Wide resistance range: 1K9~200K9
- 3: Resistance and B values have high precision, fast response speed, and interchangeable resistance values.
- 4: Moisture-proof, good insulation, high reliability, small time constant and good insulation
- 5: Able to work stably for a long time with good consistency
- 6: Various shapes and packages can be provided according to the installation conditions used to facilitate user installation.
- 7: Provide a variety of wire types and connector types

Precautions:

Measuring: When measuring NTC thermistor, you must pay attention to the following matters:

●It cannot be measured in the air. The temperature difference in the air is large and the measurement is inaccurate, resulting in accuracy deviation.

●A high-precision constant temperature bath is used for measurement. After the NTC to be measured is placed in the constant temperature bath, it must wait for the temperature of the constant temperature bath.

After stabilization, measurement can be performed.

●The measurement voltage is as low as possible to reduce measurement errors caused by NTC self-heating.

●When measuring high temperature, use a thermometer to correct and check the temperature of the constant temperature chamber.

Product parameters:

NTC temperature sensor	
Commonly used resistance specifications:	NTC 1K, 2K,5K,10K, 20K, 50K, 100K, 200K, 400K, 1000K
temperature range:	-20~120°C, -30~250°C, -40~350°C,
Resistance accuracy:	0.5%, 1%,2%,3%,5%
Probe shape	Bullet, cylindrical, surface mount, spiral, epoxy sealed injection molded probes are available.Cylindrical probes, unencapsulated probes, flange probes, microprobes, clamp styles, various coating configurations and housing materials
Probe material	Nickel plated copper, brass, stainless steel, aluminum,ABS, PVC, PP, TPE, PTFE, PFA, silicone or suggestions
Wire	Teflon cable, PVC cable, silicone cable, TPE cable, XL-PE cable, or customized length as suggested by customer
Connector	TJC3 2.54, SMR, SMP, 5566,5264, PH, EH, XH, 557, etc.
Special requirements	High temperature resistance, waterproof, dustproof, anti-corrosion, etc.

NTC temperature sensor is a kind of thermistor and probe. Its principle is: the resistance value drops rapidly as the temperature rises. It usually consists of 2 or 3 metal oxides, mixed in a fluid-like clay, and calcined in a high-temperature furnace to form a dense sintered ceramic. Actual size is very flexible, they can be as small as 0.010 inches or very small diameter. There is almost no limit to the maximum size, but usually under half an inch applies.

Product Description

Certificates for Raw Material	All parts and processing is compliant with ROHS, CCC
Certificates for Wire Harness Material	UL/CSA,CE, VDE,SAA,CB,ISO9001 etc are available; PA66 for connectors; copper or stainless steel for terminals
Length	As per customer's request
Connector Type	Tyco, Delphi, Bosch, Deutsch, Yazaki, Sumitomo, FCI replacements
Service	Different series of customized CAD wire harness are available



Applications

Temperature measurement and control of household air-conditioner, refrigerator, icebox,water heater,drinking machine,radiator,dishwasher, disinfecter,washing machine, drying machine,middle-or-low-temperature drying box and constant temperature box.

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

Materials:



Type: Diode type thermistor, Chip in glass type thermistor, Epoxy coated thermistor
Accuracy: ±2%, ±1% etc.
The thermistor divided into R value and B value. R value is 2K, 5K, 10K, 50K etc.,
B value is 3950K, 3470K, 3435K, 3977K etc.



ABS, stainless steel, Nickel-plated copper, Plastic head, can be waterproof effect.
Support for customization.



White Flat protective cable, PVC protective cable, TPE, Flat cable, silicone etc.
Support for customization.

Working principle of temperature sensor

Using the NTC thermistor under a certain measurement power, the resistance value drops rapidly as the temperature rises. Utilizing this feature, the NTC thermistor can be used to determine the corresponding temperature by measuring its resistance value, so as to achieve the purpose of detecting and controlling the temperature.

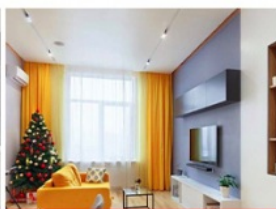
PRODUCT CATEGORIES



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Home Industry [More+](#)



New Energy [More+](#)



Car Industry [More+](#)



TPE Temperature Sensor [More+](#)

PROFESSIONAL MANUFACTURER

14 years of temperature sensor manufacturing experience

The image shows a variety of temperature sensors and cables. In the top left, there are several small, thin sensors. In the top middle, there are coiled black and white cables. In the top right, there is a single white cable with a red connector. In the bottom left, there are several black cables with different connectors. In the bottom middle, there are several long, thin sensors. In the bottom right, there are several black cables with different connectors.

CERTIFICATES

The image shows a collection of certification certificates. In the top row, from left to right, there are: a TUV certificate, a CE certificate, a TUV certificate, and a CE certificate. In the bottom row, from left to right, there are: a CE certificate, a UL certificate, a VDE certificate, and a ROHS certificate. Each certificate is framed and contains detailed text and logos.

TUV CE TUV CE

CE UL VDE ROHS



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