



Thin Film Temperature Measuring NTC Thermistor MF55 503F3950 50K 3950 For Printers And Household Appliance

Our Product Introduction

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

Basic Information

- Place of Origin: China Dong Guan
- Brand Name: lin kun
- Certification: ROHS,UL
- Model Number: MF55 503F3950
- Minimum Order Quantity: 5000 PCS
- Price: 0.045-0.2 USD/ PCS
- Packaging Details: Bulk,500pcs per polybag
- Delivery Time: 5 workdays
- Payment Terms: T/T
- Supply Ability: 20,000,000PCS per week

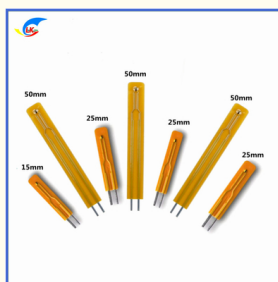


Product Specification

- Product Name: MF55 Series Thin Film Temperature Measuring NTC Thermistor
- Resistance Range: 50K Ω
- Allowable Tolerance: $\pm 1\%$ $\pm 2\%$ $\pm 3\%$ $\pm 5\%$
- B-Value 25/50: 3100K-4750K $\pm 1\%$
- Tolerance: 2mw/ $^{\circ}\text{C}$
- Operating Temperature: -55°C To $+125^{\circ}\text{C}$
- Shape: Axial Leaded
- Dissipation Factor: 22mW/C(In Still Air)
- Material: Film
- Highlight: Printers NTC Thermistor, 50K NTC Thermistor, Thin Film NTC Thermistor



More Images



Product Description

Thin Film Temperature Measuring NTC Thermistor MF55 50K3950 For Printers And Household Appliance

MF55 series is a thin film type thermistor, NTC a chip is soldered on a thin lead frame, and then packaged with an insulating polymer film. The maximum thickness is only 0.6mm (usually 0.5mm). Film-type thermistors are more effective at measuring surface temperature, or can be mounted in a tiny gap.

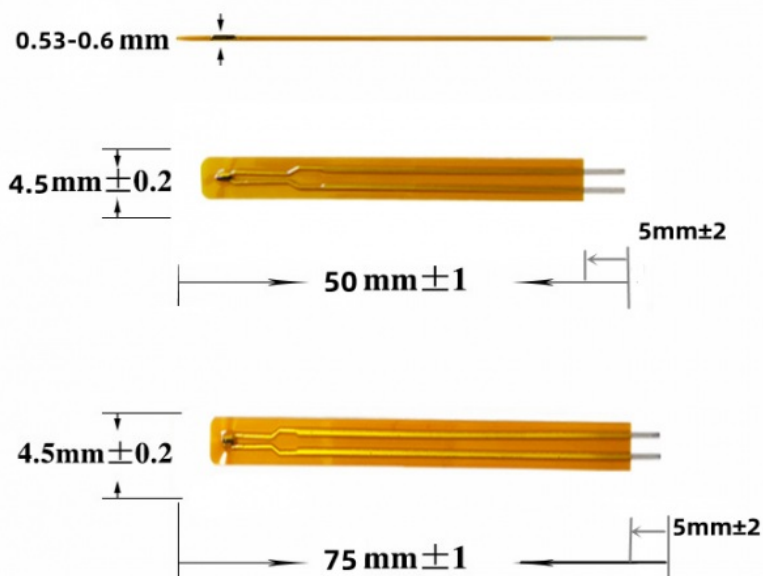
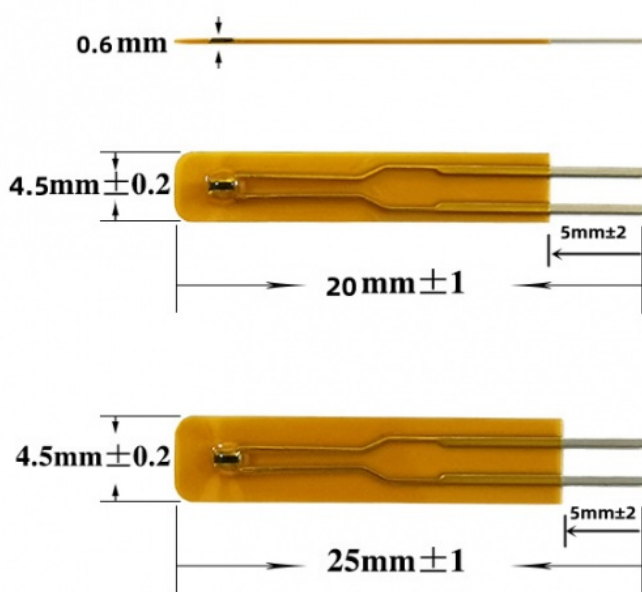
(1) Product features:

Surface temperature measurement with excellent performance
 very small thermal time constant
 Working temperature range: -50~90°C
 Small size, fast response, high test accuracy
 Good interchangeability and consistency

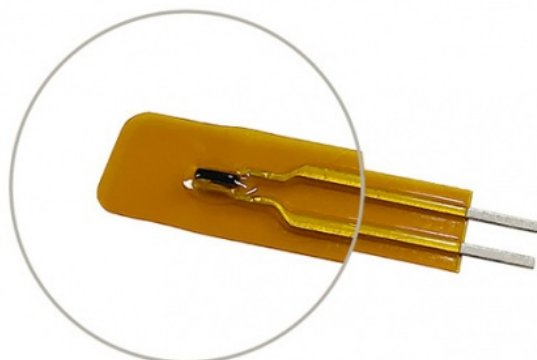
(2) Scope of application:

- Copies, printers, office appliances, frequency conversion fans, mobile power supplies.
- Fire alarm system, grain depot storage system, aluminum electric control panel.
- Battery protection board
- Automobile circuits, automobile braking systems, flow meters and other occasions where the space is narrow and the temperature is high, or the response time is short.
- Thermometer, lithium battery temperature protection.

(3) Structural size



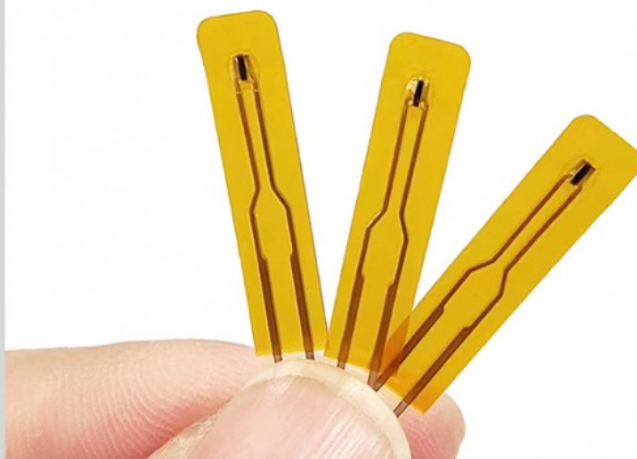
Made of imported high-quality insulating film material, phosphor copper pins, strong thermal conductivity, good elasticity, and stable resistance.



Good bonding density, uniform color, beautiful and free of bubbles.



No impurities, see-through



(4) Specifications:

example:

LK MF55 — 104— 3950 — 1

① ② ③ ④ ⑤

Among them:

- ① represents Dongguan Linkun Electronic Technology Co., Ltd.
- ② indicates a thin film NTC thermistor.
- ③ Standard resistance value at 25°C (R25°C) For example: 503 means R25°C is 50KΩ.
- ④ B value (B25/50°C) For example: 4100 means B25/50°C is 4100K.
- ⑤ R25°C resistance value accuracy: 1 (±1%), 2 (±2%), 3 (±3%), 5 (±5%)

Product List:

	Norminal Resistance	B Value(K)	Operating temperature

Part Number	R25 (KΩ)	Tolerance	(25/50°C)	(25/85°C)	Tolerance	(°C)
MF55□502□3270A	5	±1 ±2 ±3 ±5	3270		±1 ±2 ±3 ±5	-50 125
MF55□502□3470A	5		3470			
MF55□103□3380A	10		3380			
MF55□103□3435B	10			3435		
MF55□103□3470B	10			3470		
MF55□103□3950A	10		3950			
MF55□103□3975B	10			3975		
MF55□203□3950A	20		3950			
MF55□303□3950A	30		3950			
MF55□473□3950A	47		3950			
MF55□503□3950A	50		3950			
MF55□104□3950A	100		3950			

Notes:

- 1). Do not bend the resistance wire frame at will to avoid the chip and wire frame falling off and causing poor resistance;
- 2). The temperature should not exceed 300°C during welding, and the welding time should not exceed 0.5 seconds;
- 3). Use a hot air gun when shrinking the sleeve, and the temperature of the air gun should be controlled at about 120°C;
- 4). Use a constant-temperature soldering iron when soldering, with a flat soldering iron tip, holding the resistor in one hand and the wire in the other for butt welding, which can improve production efficiency and shorten welding time;
- 5). Special Note: Do not touch the chip (ie the top of the resistor) with your hands!
- 6). Custom made is available



Dongguan Linkun Electronic Technology Co., Ltd.

High-quality, high-performance temperature measuring NTC thermistor is the heart and core of NTC temperature sensor



 NTC MF72 series	 NTC MF73 series	 NTC MF51 series	 NTC MF55 series
 NTC MF11 series	 PTC heating chip series	 NTC MF58 series	 NTC MF59 series
 Intelligent composite PTC series	 PTC thermistor	 NTC-MF5A series	 NTC-MF52 series
 SMD paste NTC series	 Sensor series	 NTC-MF5Q series	 NTC-MF5P series

The MF58 series products are the first in China to pass the 100,000-time durability test in the UL standard.

Product Description:

NTC Type Thermistor is an MF11 temperature compensated thermistor, MF55 Thin Film Detection NTC Thermistor MF58 single-ended glass sealed thermistor and MF52 temperature measuring thermistor. It is mainly used for temperature measurement and control. It features axial leaded shape, resistance range from 1KΩ to 500KΩ, dissipation factor of 22mW/C (in still air) and rated power of ≤50mW. Furthermore, its B-Value is 25/50: 3100K-4750K ±1%.

Applications:

The **MF55 film thermistor**, **MF11 temperature compensated thermistor**, and **MF52 temperature measuring thermistor** from Lin Kun are NTC type thermistors used in a variety of applications. These thermistors are produced in Dong Guan, China and certified with ROHS and UL standards. The NTC type thermistors can be purchased in bulk of 500pcs per polybag with a minimum order quantity of 5000PCS. The thermistors are priced at 0.045 USD/ PCS and have a supply ability of 20,000,000PCS per week. The thermistors have an allowable tolerance of ±0.5%, ±1%, ±2%, ±3%, and ±5%. They are suitable for operating temperatures ranging from -55°C to +125°C and have a resistance range of 1KΩ To 500KΩ. The rated power of the thermistors is ≤50mW with a dissipation factor of 22mW/C in still air. Payment terms for the thermistors are T/T and the delivery time is 7 workdays.

Customization:

NTC Type Thermistor
Product Description

This is a MF5Q Enameled Wire Type NTC Thermistor from Lin Kun. It is certified with ROHS and UL and has a resistance range of 1KΩ To 500KΩ. The operating temperature is from -55°C To +125°C and the tolerance is 2mw/°C with allowable tolerance of ±0.5%, ±1%, ±2%, ±3%, ±5%. The minimum order quantity is 5000 PCS with a price of 0.045 USD/ PCS and delivery time is 7 workdays. Payment terms is T/T and supply ability is 20,000,000PCS per week. Packaging details is Bulk,500pcs per polybag.

Product Features

Brand Name: Lin Kun

Model Number: MF5Q enameled wire type NTC thermistor

Place of Origin: China Dong Guan

Certification: ROHS,UL

Minimum Order Quantity: 5000 PCS

Price: 0.045 USD/ PCS

Packaging Details: Bulk,500pcs per polybag

Delivery Time: 7 workdays

Payment Terms: T/T

Supply Ability: 20,000,000PCS per week

Resistance Range: 1KΩ To 500KΩ

Tolerance: 2mw/°C

Allowable Tolerance: ±0.5% ±1% ±2% ±3% ±5%

Operating Temperature: -55°C To +125°C

Product Name: MF5Q Enameled Wire Type NTC Thermistor

Available Variants

MF52 temperature measuring thermistor

MF5 Single-ended glass sealed thermistor

MF58 glass sealed thermistor

MF59 NTC thermistor

Support and Services:

NTC Type Thermistor Technical Support and Service

We provide technical support and service for NTC Type Thermistor products. Our service includes:

Installation and maintenance of NTC Type Thermistor products

Diagnosis and troubleshooting of NTC Type Thermistor products

Repair and replacement of faulty NTC Type Thermistor products

Technical advice for customers on the use of NTC Type Thermistor products

We take pride in providing our customers with quality technical support and service. Our goal is to ensure that all of our customers have a positive experience with our NTC Type Thermistor products.

Packing and Shipping:

Packaging and Shipping for NTC Type Thermistor

NTC Type Thermistors must be packaged and shipped correctly in order to ensure their safety and reliability. The following are the steps to take when packaging and shipping NTC Type Thermistors:

Make sure the thermistor is securely packaged in an appropriate box that has enough padding and support to protect the thermistor from shocks and vibrations during shipping.

Label the package with proper shipping information, including the correct address and phone number.

Ship the package via a reliable carrier with tracking information.

For additional protection, always insure the package to cover any potential damage.

FAQ:

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