



12V 70C Round PTC Thermistor Heating Element Disc 8mm Diameter Ceramic Heating Element Thermistor

Our Product Introduction

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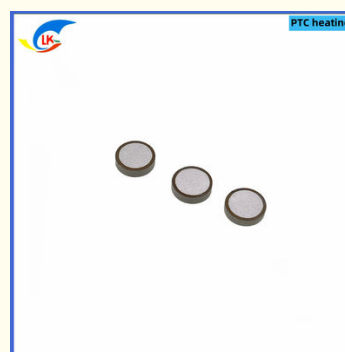
Basic Information

- Place of Origin: Guan Dong DongGuang
- Brand Name: LinKun
- Certification: CCC RoHS
- Model Number: LK-MZ4
- Minimum Order Quantity: 5000pcs
- Price: \$0.1-0.25
- Packaging Details: Negotiate
- Delivery Time: 10-20 days
- Payment Terms: T/T, Western Union,
- Supply Ability: 100,000 0pieces/month



Product Specification

- Resistance: 18 Ohms
- Operating Voltage: 12VDC
- Surface Temperature: 70 $\pm$ 10
- Tube: Aluminum
- Operating Temperature: -25 C~+125
- Heating Medium Value: Ceramic PTC
- Certified: RoHS-compatible / UL
- Length: 8mmx2mm
- Technology: PTC Heater
- Highlight: 18 Ohms PTC Thermistor, 70 PTC Thermistor, 8X2mm PTC Thermistor



More Images

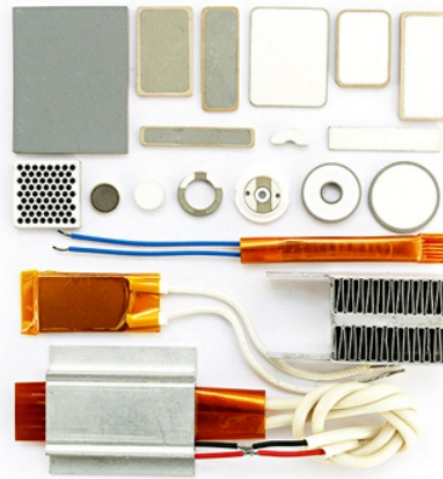


Product Description

12V 70C Round PTC Thermistor Heating Element Disc 8mm Diameter Ceramic Heating Element Thermistor

[PTC thermistor for heating.pdf](#)

Our Product



PTC thermistor for heating

PTC thermistor for heating

--Low voltage use type

--High voltage use type

category

PTC thermistor for heating Product Description application

• Automobile industry

- ◆ Cabin heating system for electric vehicles
- ◆ Diesel preheating and filter heating
- ◆ Heating of crankcase exhaust system
- ◆ Windshield washer nozzle heating
- ◆ Electric vehicle battery pack constant temperature

• Household industry

- ◆ Heating of washing machine door lock and thermostat bimetal piece
- ◆ Warm air heating
- ◆ Heating of mosquito repellent and perfume vaporizer
- ◆ Heating of medical devices
- ◆ Oil preheating of oil burner
- ◆ Heating of thermal actuator

• Others

- ◆ Heating of optical fiber communication distributors
- ◆ Heating of camera lens
- ◆ Heating of sol gun and plastic welding

Features

- ◆ Excellent life characteristics, ensuring a longer service life than nickel-chromium heaters under normal operating conditions
- ◆ The heater element itself has temperature adjustment and self-control functions
- ◆ Combined with bimetallic plates to achieve interlocking or obtain available stroke displacement
- ◆ Easy to achieve compact and lightweight component design and easy installation
- ◆ No fire risk

Structure and parameters



Model and parameters

- ◆ Low voltage use

[illegible]

3. Other specifications or parameters can be customized								
◆ High voltage use								
Product number	Curie temperature	Surface temperature	25°C zero power resistor	Operating Voltage	Maximum voltage	size		
	Tc ()	Ts(±10)	(Ω)	Vr(V)	Vmax(V)	D/L(mm)	W(mm)	T(mm)
MZ4P5S1220-122□V230/100	50	100	1200	230	270	Φ11.8	-	2
MZ4P9S1220-122□V230/125	90	125	1200	230	270	Φ11.8	-	2
MZ4X2S1325-102□V110/135	120	135	1000	110	140	Φ13.0	-	2.5
MZ4X1S0803-422□V230/135	110	135	4200	230	270	Φ8.0	-	3
MZ4X1S1220-122□V230/140	110	140	1200	230	270	Φ11.8	-	2
MZ4X3S1220-122□V230/160	130	160	1200	230	270	Φ11.8	-	2
MZ4X5S0803-422□V230/170	150	170	4200	230	270	Φ8.0	-	3
MZ4X5S1220-122□V230/180	150	180	1200	230	270	Φ11.8	-	2
MZ4X8S0803-422□V230/200	180	200	4200	230	270	Φ8.0	-	3
MZ4Y2S0803-602□V230/235	220	235	6000	230	270	Φ8.0	-	3
MZ4Y3S0803-102□V230/240	230	240	1000	230	270	Φ8.0	-	3
MZ4P5S350620-701□V230/100	50	100	700	230	270	35	6.2	2
MZ4P7S350620-701□V230/115	70	115	700	230	270	35	6.2	2
MZ4X1S350620-701□V230/145	110	145	700	230	270	35	6.2	2
MZ4X3S350620-701□V230/160	130	160	700	230	270	35	6.2	2
MZ4X6S241520-302□V220/170	160	170	3000	220	480	24	15	2
MZ4X6S241524-152□V360/170	160	170	1500	360	420	24	15	2.4
MZ4X5S350620-701□V230/180	150	180	700	230	270	35	6.2	2
MZ4X5S281221-302□V400/190	155	190	3000	400	600	28.8	12.4	2.1
MZ4X8S350620-701□V230/205	180	205	700	230	270	35	6.2	2
MZ4X9S291021-402□V350/215	190	215	4000	350	800	28.8	9.8	2.1
MZ4X9S393126-151□V600/220	195	220	150	600	750	39.2	30.8	2.6
MZ4Y2S393119-871□V350/240	220	240	875	350	450	39.2	30.8	1.9
MZ4Y2S393125-871□V540/240	220	240	875	540	600	39.2	30.8	2.5
MZ4Y2S350620-102□V230/240	220	240	1000	230	270	35	6.2	2
MZ4Y7S350620-132□V230/280	270	280	1300	230	270	35	6.2	2

Remark:

- 1.□Represents the deviation range of R25 M: ±20% X: ±25% N: ±30% S: Special
2. The working voltage can be selected from 100-1000V, and the surface temperature can be selected from 35-350
3. Other specifications or parameters can be customized

Factory Strength Display

1
Factory scene
Temperature sensor production site



2 Testing equipment



3 Company Profile



Dongguan Linkun Electronic Technology Co., Ltd. is a technology-based enterprise specializing in the research and development, production and sales of PTC thermistors, NTC thermistors, and varistors. Relying on the strong faculty and advanced scientific research equipment of the School of Materials Science and Engineering of South China University of Technology, the company has also cultivated a group of professional and technical personnel with rich experience in research and development, production and application promotion. For more than 20 years, the company has been committed to the research and development of PTC/NTC products, especially PTC thermistor chips for heating, PTC thermistors for green lighting, PTC thermistors for overheating and overvoltage protection of small power transformers for instruments and meters, PTC thermistors for overcurrent and overvoltage protection of 485 communication interfaces, PTC thermistors for suppressing inrush current, etc., and have withstood the test of time. After hard work, the "LK" trademark PTC thermistors and varistors have become the preferred components in various fields, especially in power meters, industrial inverters, and green lighting industries, and their market share ranks among the best.

The company's PTC thermistor products mainly include: 1. PTC thermistors for motor starting. 2. PTC thermistors for heating. 3. Ordinary PTC thermistors for transformer overcurrent and overload protection. 4. Composite thermistors for overcurrent and overload protection of switching power supplies and transformers. 5. Thermistors for 485 communication interface protection. 6. Anti-attack modules for bayonet and meter bayonet protection. 7. PTC thermistors for relay contact protection. 8. PTC thermistor for excitation inrush current limitation.

Factory Tour

01.

- **Annual output is 1 billion+**

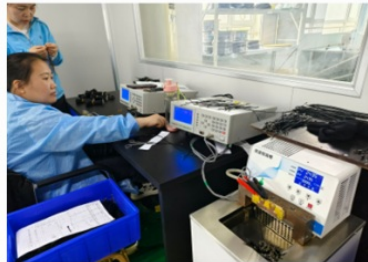
Strong production capacity, 3 major production bases, and a full set of automated production equipment can meet the needs of various large orders.



02.

- **30 years senior engineer**

We have a multi-person R&D team and many years of industry customization experience to meet your various customization needs.



03.

- **All-round Quality control**

The factory has passed ISO9001 and SGS certification, and strictly controls quality from raw materials to environment to process to quality inspection.



04.

- **Full set solution.**

Provide one-stop executable solutions to reduce your design costs and improve product cost performance.



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