



15x1.9mm PTC Heating Chip 150C 1-6 Ohm Silver Electrode Thermistor

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Minimum Order Quantity: 5000
- Price: US\$0.38-0.42



Product Specification

- Diameter: 15mm
- Thickness: 1.9mm
- Surface Temperature: 150C
- Resistance @25C: 1~6 Ohm
- Shape: Round
- Material: Ceramic Composition
- Electrode Material: Silver Electrode/aluminum Electrode
- Mounting Type: Surface Mount
- Operating Voltage: 1.5-68V
- Max Voltage: 18V (low Voltage Type)
- Curie Temperature: 150C
- Resistance Tolerance: $\pm 20\%$ (M)
- Power Consumption: 3.2W (shell Type)
- Max Current: 12A (chip Type)
- Destruction Voltage: 320V (chip Type)



More Images



Product Description

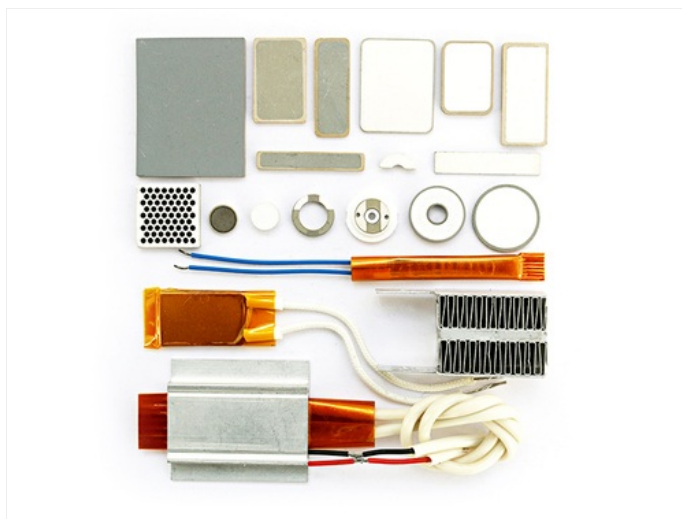
15X1.9mm Constant Temperature PTC Heating Chip 150°C 1-6Ω European Silver Electrode Ceramic Heating Thermistor

Product Specifications

Attribute	Value
Application	Household appliances constant temperature heating
Series	LK-MZ4
Features	Constant temperature heating
Mounting Type	Surface Mount
Type	PTC THERMISTOR
Manufacturer	LK-PTC (LinKun)
Package / Case	Silver electrode/aluminum electrode
Diameter	15mm
Surface Temperature	150°C
Resistance @ 25°C	1-6Ω
Thickness	1.9mm (Can be customized)
Shape	Round
Material	Ceramic Composition with Silver electrode/aluminum electrode

Product Description

This PTC thermistor heating chip provides precise temperature regulation and automatic control for various heating applications.



Applications

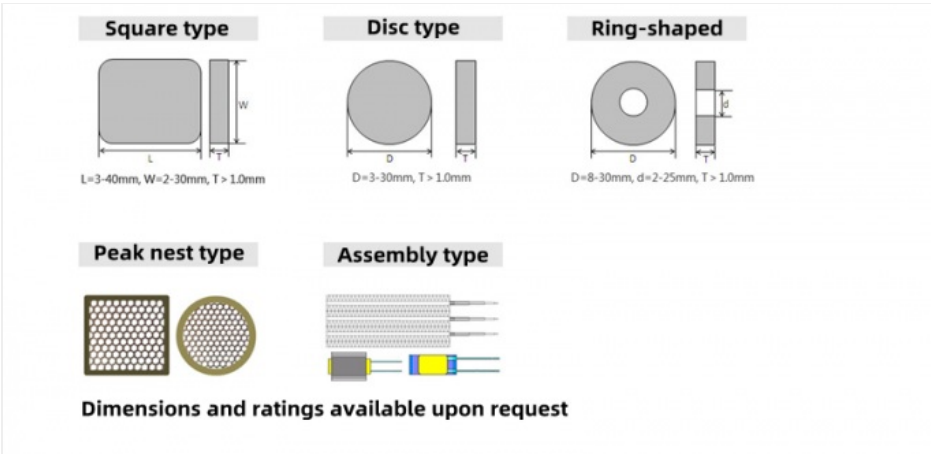
- **Automotive Industry:** Cabin heating for EVs, diesel preheating, battery pack temperature control
- **Household Industry:** Washing machine components, warm air heating, medical equipment
- **Other Applications:** Fiber optic equipment, camera lenses, plastic welding tools

Key Features

- Excellent lifespan characteristics, outperforming nickel-chromium heaters
- Built-in temperature regulation and self-control functions
- Compact and lightweight design for easy installation

- No fire risk during operation
- Available in low voltage (1.5-68V) and high voltage (100-1000V) variants

Technical Parameters



Low Voltage Models

Product Number	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4X1Φ190415-2R0□9/40	0	40	2	9	18	Φ19.0×1.5
MZ4P4S1210-9R0□V12/70	40	70	9	12	30	Φ12.0×1.0
MZ4X5S1216-2R0□V13/160	150	160	2	13.5	28	Φ12.0×1.6

High Voltage Models

Product Number	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4P5S1220-122□V230/100	50	100	1200	230	270	Φ11.8×2.0
MZ4X5S0803-422□V230/170	150	170	4200	230	270	Φ8.0×3.0

Note: □ represents the deviation range of R25 (M: ±20%, X: ±25%, N: ±30%, S: Special). Other specifications or parameters can be customized.

PTC Thermistor for Motor Starting

Chip Type (MZ9 Series)



Applications

- Auxiliary starting for compressors in refrigerators, air conditioners and heat pumps
- Single-phase induction motor starting assistance

- Inrush current suppression in power supplies and motor controllers

Features

- Reliable metal electrode construction (Ni + Ag)
- Pressure clamping installation for long life
- No electrical noise, easy installation
- Safety approvals: UL&CUL, VDE, CQC
- RoHS compliant

Shell Type (MZ92D Series)



Product Gallery

Complete range
Other products on display

We will customize according to customer needs, and provide free solutions as long as you have heating needs

			
Insulated PTC air heater	T-type PTC liquid heater	Tubular PTC heater	Plate PTC heating sheet
			
Beauty salon PTC heater	MMH thick film heater	MCH ceramic heater	Tempered glass heating plate
			
Polyimide alloy heating sheet	Mica heating plate	Aluminum foil heating sheet	Mica electric heating alloy

Factory Strength Display



Factory scene

Temperature sensor production site





2 Testing equipment





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.



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