



## 8x3mm Silver Electrode PTC Heating Chip 220V 1000-4500 Ohm 190C

Our Product Introduction

for more products please visit us on [lk-thermistor.com](http://lk-thermistor.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Linkun
- Model Number: MZ4 Heating PTC Thermistor
- Minimum Order Quantity: 500



### Product Specification

- Diameter: 8mm
- Thickness: 3mm
- Voltage: 220V
- Resistance Range: 1000-4500 Ohm
- Temperature: 190°C
- Material: Ceramic Composition
- Electrode Type: Silver
- Shape: Round
- Resistance Tolerance:  $\pm 20\%$   $\pm 25\%$   $\pm 30\%$  50%
- Surface Temperature: R25:M: $\pm 20\%$  X: $\pm 25\%$  N: $\pm 30\%$  S:Special
- Function: Temperature Regulation And Automatic Control
- Operating Voltage Range: 1.5-68V
- Surface Temperature Range: 35-350°C
- Maximum Voltage: 220V



### More Images



## Product Description

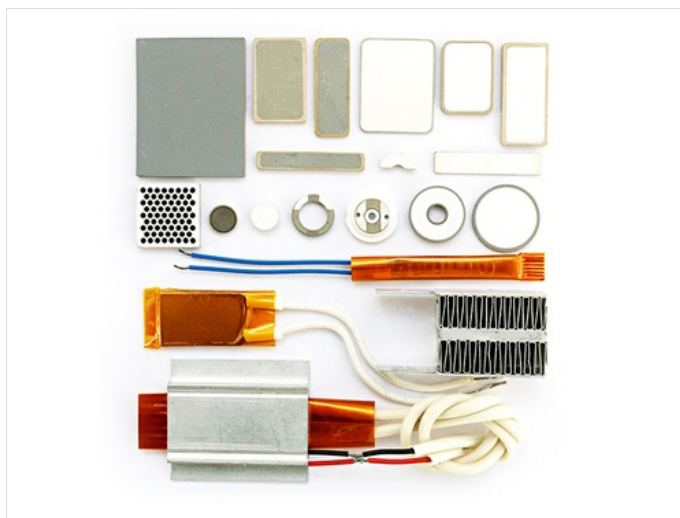
### 8mm Diameter 3mm Thickness Silver Electrode PTC Thermistor

220V 1000-4500 Ohm 190°C PTC Heating Element with constant temperature regulation

### Product Specifications

Attribute	Value
Specification	8*3 220V 1000-4500 Ohm 190°C
Packaging Type	Vacuum blister + carton
Application	Automobile industry/household appliance industry
Package/Case	Ceramic Composition
Features	Silver electrode + round
Size/Dimension	8*3mm
Resistance	1000-4500 Ohm
Resistance Tolerance	±20% ±25% ±30% 50%
Surface Temperature	R25:M:±20% X:±25% N:±30% S:Special
Function	Temperature regulation and automatic control

### PTC Thermistor for Heating



### Applications

**Automotive Industry:** Cabin heating, diesel preheating, windshield washer nozzles, battery pack temperature control

**Household Industry:** Washing machine components, warm air heating, medical equipment, fuel burner preheating

**Other Applications:** Fiber optic communication, camera lenses, plastic welding equipment

### Key Features

Extended service life compared to nickel-chromium heaters

Built-in temperature regulation and self-control functions

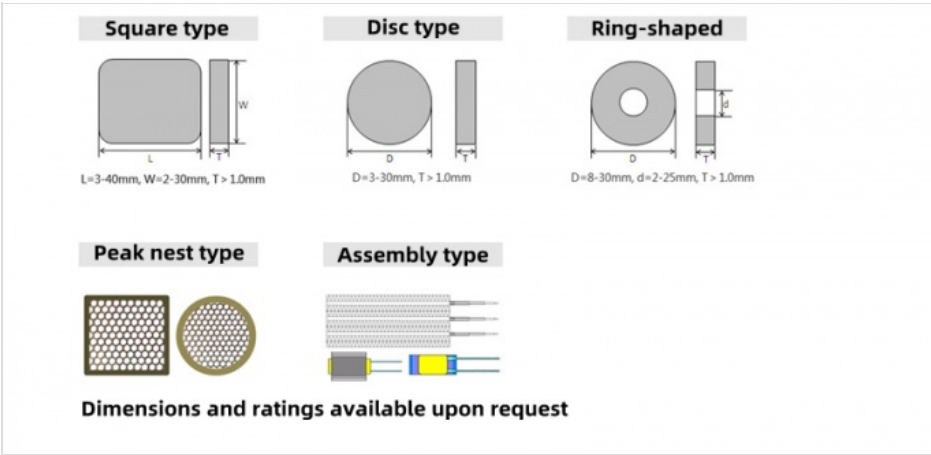
Compact and lightweight design for easy installation

No fire risk during operation

Compatible with bimetallic strip integration

### Technical Specifications

### Structure and 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

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

- Notes:
- 1. □ represents resistance tolerance: M:±20% X:±25% N:±30% S:Special
  - 2. Operating voltage range: 1.5-68V (low voltage), 100-1000V (high voltage)
  - 3. Surface temperature range: 35-350°C
  - 4. Custom specifications available upon request

PTC Thermistor for Motor Starting

Chip Type (MZ9 Series)



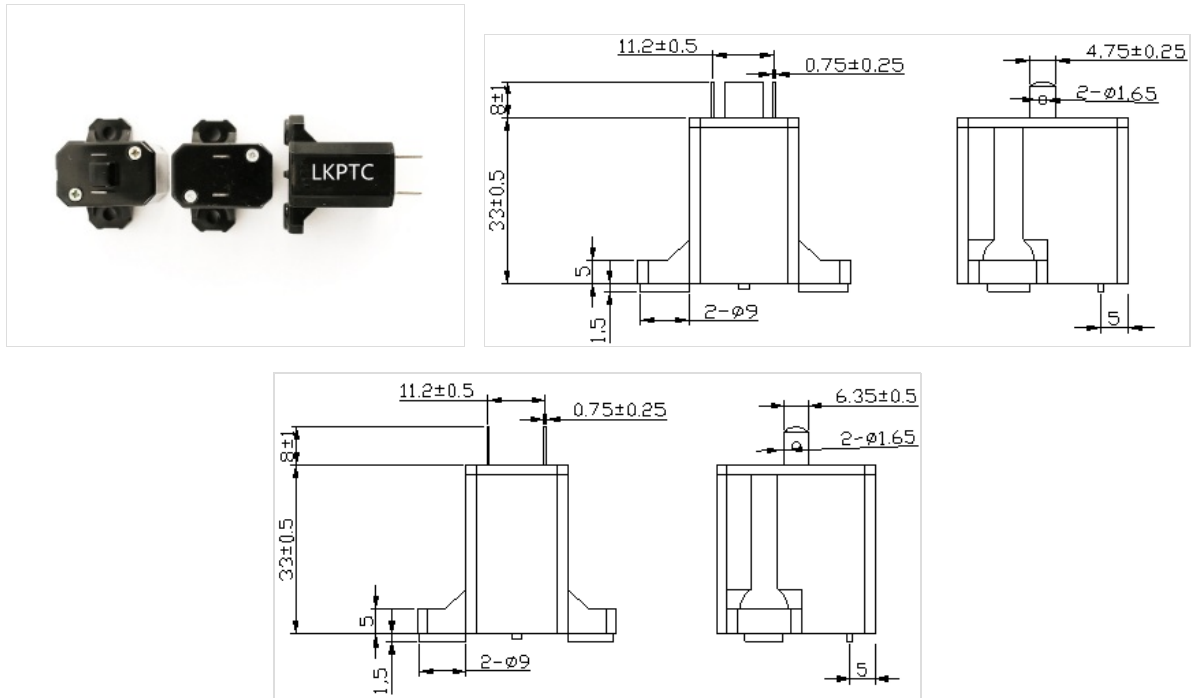
Applications

- Compressor starting for refrigeration systems
- Single-phase induction motor assistance
- Inrush current suppression in power supplies and controllers

Features

Reliable Ni+Ag metal electrodes  
 Pressure clamp installation for long life  
 No electrical noise, easy installation  
 UL/CUL, VDE, CQC safety approvals  
 RoHS compliant

#### Shell Type (MZ92D Series)



#### Complete range Other products on display

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





**Dongguan Linkun Electronic Technology Co., Ltd.**



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



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



**Dongguan Linkun Electronic Technology Co., Ltd.**



13423305709



huangju@lk-ptc.com



lk-thermistor.com

Room 101, No. 21, Huayuanzai Road, Chongmei, Chashan Town, Dongguan City, Guangdong Province