



MZ4 Series PTC Thermistor for Motor Starting 16mm 3.7V-22V

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: LINKUN
- Minimum Order Quantity: 5000
- Price: \$0.15-0.25



Product Specification

- Diameter: $16 \pm 0.2\text{mm}$
- Inner Bore Diameter: 5mm
- Thickness: 1.3mm-5mm
- Voltage: 12V/24V/110V/220V
- Surface Temperature: 60C-300C
- Resistance @ 25°C: 1~10000 Ohm
- Shape: Round
- Curie Temperature: 50 ~300
- Operating Voltage: 1.5-68V
- Maximum Voltage: 18V-860V
- Maximum Current: 4A-16A
- Destruction Voltage: 320V-860V
- Power Consumption: 3.2W-4W
- Electrode Material: Ni + Ag
- Package Type: Chip Type



More Images



Product Description

MZ4 Series High Efficiency PTC Ceramic Resistance Heater Thermistor

Product Specifications

Attribute	Value
Application	Auxiliary start of compressors such as refrigerator
Series	MZ4 Series 3.7V~22V 50 ~300 1ohm-10000ohm
Type	PTC THERMISTOR
Manufacturer	LinKun
Diameter	16±0.2mm
Inner bore diameter	5mm
Thickness	1.3mm-5mm
Voltage	12V/24V/110V/220V
Resistance @25°C	1~10000 Ohm

Product Description

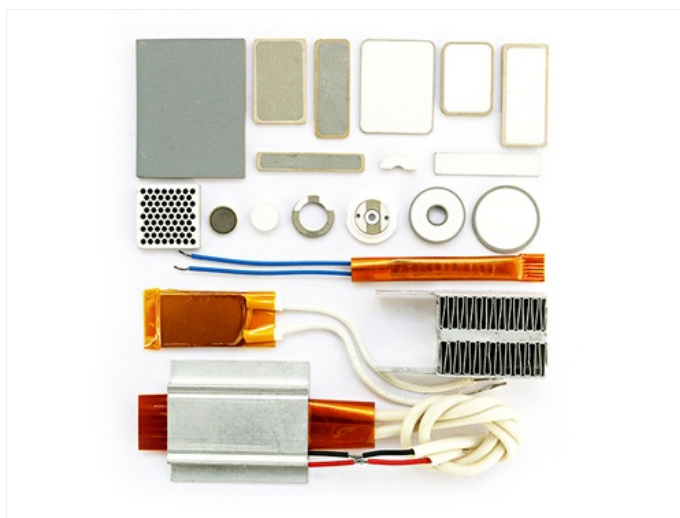
PTC thermistor for heating applications with advanced temperature regulation and self-control functions.

Key Applications

- **Automotive Industry:** Cabin heating for EVs, diesel preheating, windshield washer nozzles
- **Household Industry:** Washing machine door locks, warm air heating, medical equipment
- **Industrial Applications:** Fiber optic communication, camera lenses, plastic welding

Product Features

- Excellent lifespan characteristics
- Built-in temperature regulation and self-control
- Compact and lightweight design
- No fire risk
- Available in low voltage (1.5-68V) and high voltage (100-1000V) variants



Technical Parameters (Low Voltage Type)

Product Number	Curie Temp ()	Surface Temp ()	25°C Resistance (Ω)	Operating Voltage (V)	Dimensions (mm)
MZ4X1Φ190415-2R0□9/40	0	40	2	9	Φ19.0×1.5
MZ4P4S1210-9R0□V12/70	40	70	9	12	Φ12.0×1.0

Note: □ represents resistance tolerance (M: $\pm 20\%$, X: $\pm 25\%$, N: $\pm 30\%$, S: Special). Custom specifications available.

Motor Starting Applications

Chip type PTC thermistors designed for compressor starting and inrush current suppression.



Shell Type (MZ92D Series)



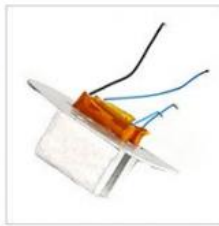
Product Gallery

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

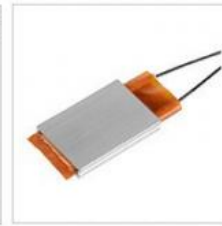


Plate PTC heating sheet



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



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