



MZ4 Series PTC Heating Thermistor 16x5x2.5mm 36V 235C for Automotive Appliances

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Linkun
- Model Number: MZ4 Heating PTC Thermistor
- Minimum Order Quantity: 5000
- Price: \$0.38-0.42



Product Specification

- Dimensions: 16*5*2.5mm
- Voltage: 36V
- Surface Temperature: 235C
- Resistance: 20-50 Ohm
- Resistance Tolerance: $\pm 20\%$ $\pm 25\%$ $\pm 30\%$ 50%
- Material: Ceramic Composition
- Electrode Material: Silver Electrode/aluminum Electrode
- Shape: Round
- Operating Voltage Range: 1.5-68V
- Surface Temperature Range: 35-350
- Maximum Voltage: 36V
- Curie Temperature: 235C
- Function: Temperature Regulation
- Power Consumption: 3.2W



More Images



Product Description

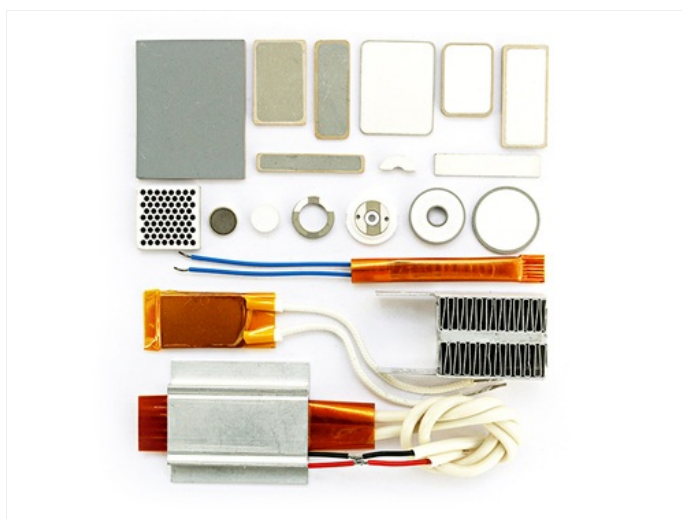
MZ4 Series Circular Heating PTC Thermistor

16×5×2.5mm 36V 235°C 20-50 ohm for small appliances and car heating

Product Specifications

Attribute	Value
Specification	16×5×2.5mm 36V 235°C 20-50 ohm
Packaging Type	Vacuum blister + carton
Application	Automobile industry/household appliance industry
Package/Case	Ceramic Composition
Series	MZ4 Heating PTC Thermistor
Features	Round piece
Size/Dimension	Customized Heater Element
Resistance	20-50 ohm
Resistance Tolerance	±20% ±25% ±30% 50%
Shape	Round
Function	Temperature regulation and automatic control function
Material	Ceramic Composition/Silver electrode/aluminum electrode

PTC Thermistor for Heating



Applications

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

Household Industry: Washing machine door locks, warm air heating, medical equipment, fuel burner preheating

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

Key Features

Excellent lifespan characteristics

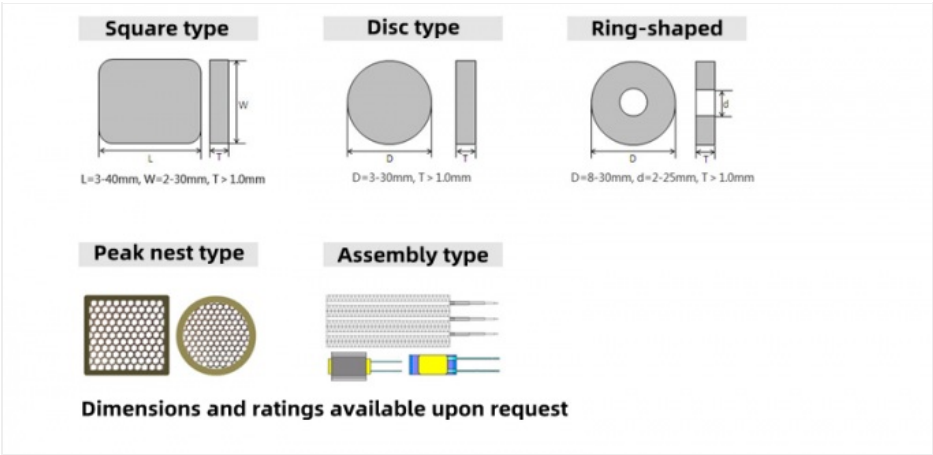
Built-in temperature regulation and self-control functions

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 No.	Curie Temp (°C)	Surface Temp (°C)	25°C Resistor (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
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High Voltage Models

Product No.	Curie Temp (°C)	Surface Temp (°C)	25°C Resistor (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
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Note: □ represents the deviation range of R25 (M: ±20%, X: ±25%, N: ±30%, S: Special).
Operating voltage and surface temperature can be customized. Other specifications available upon request.

PTC Thermistor for Motor Starting

Chip Type (MZ9 Series)



Applications

- Compressor starting for refrigerators and air conditioners
- Single-phase induction motor starting
- Inrush current suppression in power supplies and controllers

Features

- Reliable metal electrode construction
- Pressure clamping installation for long life
- No electrical noise
- High voltage and impact current resistance
- Safety approvals: UL&CUL, VDE, CQC
- RoHS compliant



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