



8mm PTC Heating Chip 14V 70C 18R for Automotive and 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: 500



Product Specification

- Diameter: 8mm
- Thickness: 2mm
- Operating Voltage: 14V
- Surface Temperature: 70°C
- Resistance: $18\Omega \pm 25\%$
- Resistance Tolerance: $\pm 20\%$ / $\pm 25\%$ / $\pm 30\%$
- Material: Ceramic Composition
- Electrode Material: Silver/Aluminum
- Series: MZ4
- Shape: Round
- Curie Temperature: 70°C
- Maximum Voltage: 30V
- Size Options: 8x1.95mm / 8x2mm / 8x3mm / 8x4mm
- Function: Temperature Regulation
- Power Consumption: Not Specified



More Images



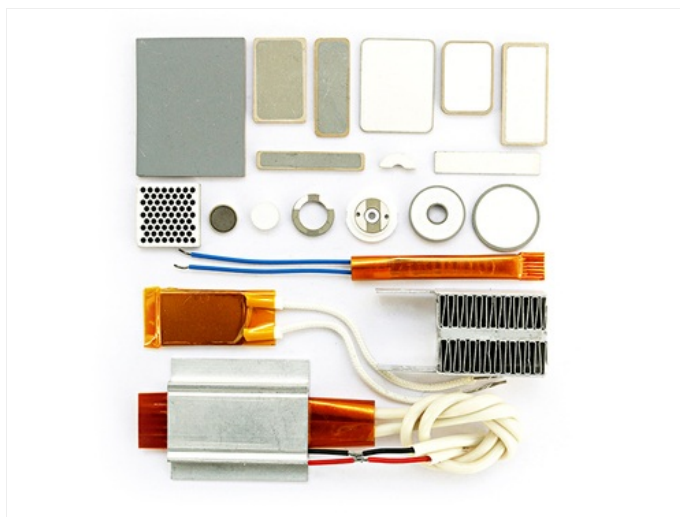
Product Description

Round PTC Heating Thermistor - 8mm Diameter, 2mm Thickness

Product Specifications

Attribute	Value
Specification	8*2 14V 70C 18R
Packaging Type	Vacuum blister + carton
Application	Automobile industry/household appliance industry
Package / Case	Ceramic Composition
Series	MZ4
Features	Round piece
Size / Dimension	8*1.95 / 8*2 / 8*3mm/8*4mm
Description	Constant temperature PTC heating chip
Resistance	18R±25%
Resistance Tolerance	±20% ± 25% ± 30% 50%
Name	Heating PTC Thermistor
Shape	Round
Surface temperature	R25:M:±20% X:±25% N:±30% S:Special
Function	Temperature regulation and automatic control function
Material	Ceramic Composition/Silver electrode/aluminum electrode

Product Description



Applications

Automotive Industry: Cabin heating for electric vehicles, diesel preheating, windshield washer nozzle heating, battery pack temperature control

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

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

Key Features

Excellent lifespan characteristics, outperforming nickel-chromium heaters

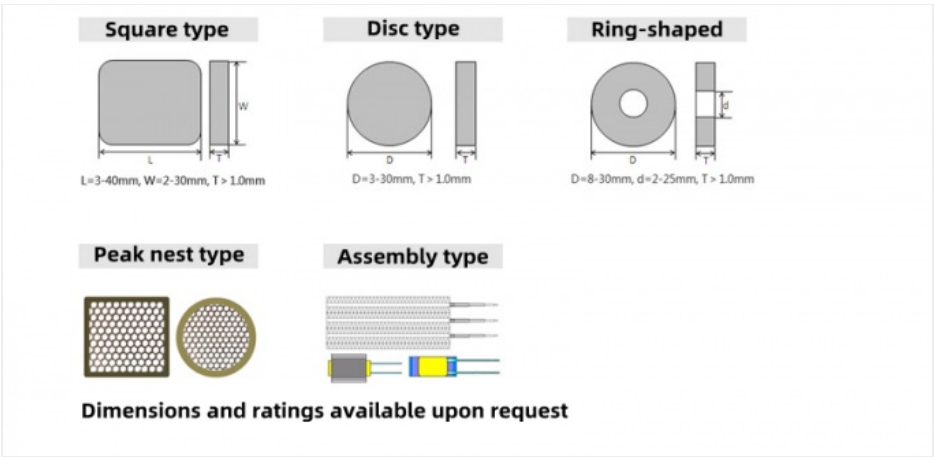
Built-in temperature regulation and self-control functions

Compatible with bimetallic strip mechanisms

Compact and lightweight design for easy installation

No fire risk during operation

Technical Specifications



Low Voltage Models

Product Number	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
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Notes: 1. □ represents R25 deviation range (M:±20%, X:±25%, N:±30%, S:Special) 2. Operating voltage: 1.5-68V 3. Surface temperature: 35-350°C 4. Custom specifications available

High Voltage Models

Product Number	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
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Notes: 1. □ represents R25 deviation range (M:±20%, X:±25%, N:±30%, S:Special) 2. Operating voltage: 100-1000V 3. Surface temperature: 35-350°C 4. Custom specifications available

PTC Thermistor for Motor Starting

Chip Type (MZ9 Series)



Applications

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

Features

- Reliable metal electrode construction
- Pressure clamp installation for long life
- No electrical noise, easy installation

High voltage and impact current resistance
Safety certifications: UL, CUL, VDE, CQC
RoHS compliant



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