



13mm PTC Heating Chip 6-12 Ohm 150C Ceramic Element

Our Product Introduction

for more products please visit us on lk-thermistor.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Linkun
- Model Number: MZ4 Heating PTC Thermistor
- Minimum Order Quantity: 5000
- Price: US\$0.15-0.20



Product Specification

- Diameter: 13mm
- Thickness: 2mm
- Resistance Range: 6-12 Ohm
- Resistance Tolerance: $\pm 20\%$ $\pm 25\%$ $\pm 30\%$ $\pm 50\%$
- Surface Temperature: 150°C
- Material: Ceramic Composition
- Electrode Material: Silver Electrode/aluminum Electrode
- Shape: Round
- Series: MZ4
- Operating Voltage: 1.5-68V
- Maximum Voltage: 30V
- Curie Temperature: 150°C
- Zero Power Resistor: 6-12 Ohm
- Function: Temperature Regulation
- Size Customization: Customized Heater Element



More Images



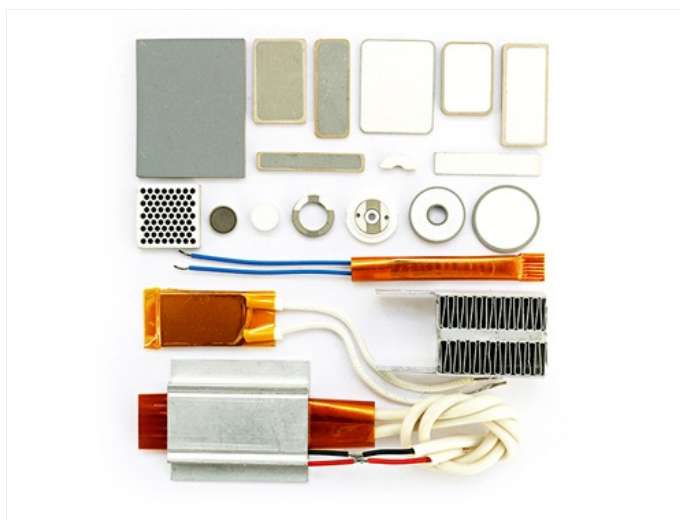
Product Description

Diameter 13mm thickness 2mm PTC heating element chip resistor 150°C 6-12Ω constant temperature heating

Product Specifications

Attribute	Value
Specification	13*2 150°C 6-12Ω
Packaging Type	Vacuum blister + carton
Application	Automobile industry/household appliance industry
Package/Case	Ceramic Composition
Series	MZ4
Features	Round piece
Size/Dimension	Customized Heater Element
Description	Constant temperature PTC heating chip
Resistance	6-12 ohm
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

PTC Thermistor for Heating



Applications

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

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

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

Key Features

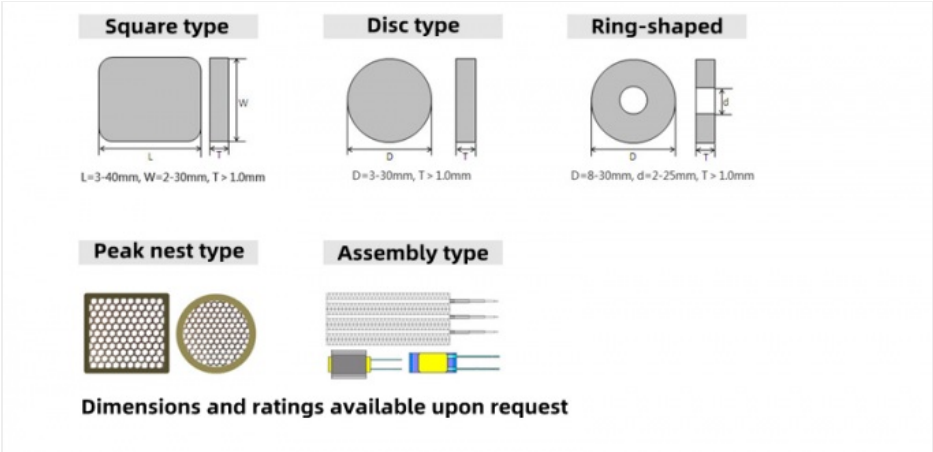
Excellent lifespan characteristics, outperforming nickel-chromium heaters

Built-in temperature regulation and self-control functions

Compact and lightweight design for easy installation

No fire risk during operation

Structure and Parameters



Low Voltage Models

Product No.	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
-------------	-----------------	-------------------	---------------------	-----------------------	-----------------	-----------

Notes: 1. □ represents R25 tolerance (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 No.	Curie Temp (°C)	Surface Temp (°C)	25°C Resistance (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
-------------	-----------------	-------------------	---------------------	-----------------------	-----------------	-----------

Notes: 1. □ represents R25 tolerance (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 assistance
- Inrush current suppression for power supplies and controllers

Features

- Reliable metal electrode construction (Ni+Ag)
- Pressure clamping installation for long life
- No electrical noise, easy installation
- High voltage and impact current resistance

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



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