



14mm Round PTC Heating Thermistor Chip 12V 100C 14 Ohm

Our Product Introduction

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

Basic Information

- Place of Origin: Guangdong, China
- Minimum Order Quantity: 5000
- Price: \$0.25-0.30



Product Specification

- Diameter: 14mm
- Thickness: 2.5mm
- Resistance: 14Ω
- Operating Voltage: 12V
- Max Voltage: 24V
- Curie Temperature: 100
- Surface Temperature: 100
- Material: Ceramic
- Electrode Material: Silver/Aluminum
- Mounting Type: Surface Mount
- Shape: Round
- Resistance Tolerance: $\pm 20\%$
- Function: Temperature Regulation
- Series: LK-MZ4
- Type: PTC Thermistor



More Images



Product Description

Round Heating PTC Thermistor Chip Silver Aluminum Electrode 14X2.5mm 12V 24V 100C 14 ohm Ceramic Heating Plate Thermistor

Product Specifications

Attribute	Value
Application	Automatically limit temperature to achieve constant heating
Series	LK-MZ4 Series
Features	Constant temperature heating
Mounting Type	Surface mount
Description	Ceramic constant temperature PTC heating chip
Manufacturer Part Number	MZ4 14*2.5 12V 100C 14R
Type	PTC THERMISTOR
Manufacturer	LinKun
Package / Case	Tweezers + silver/aluminum electrodes
Shape	Round
Material	Ceramic Composition/Silver electrode/aluminum electrode
Diameter	14mm Max
Thickness	2.5mm Max
R25	14Ω
Vmax	12V
Curie Temperature	100

Product Description

This PTC thermistor heating element provides precise temperature regulation and automatic control for various industrial and commercial applications.

Applications

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

Household Industry: Washing machine components, medical equipment, fuel burners

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

Key Features

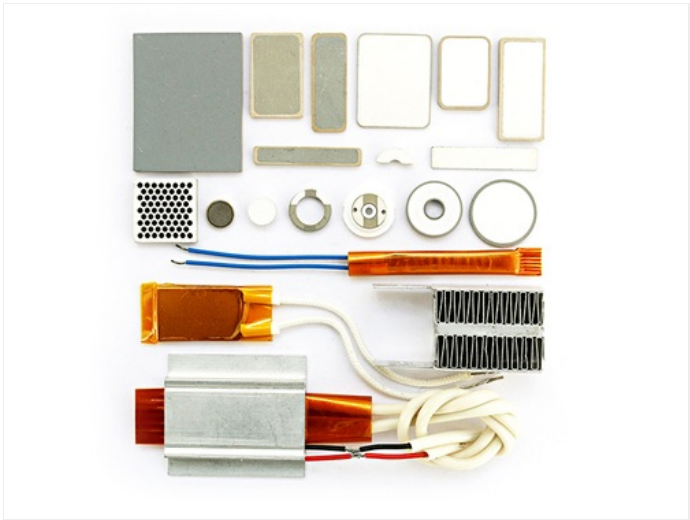
Excellent lifespan characteristics

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 Number	Curie Temp ()	Surface Temp ()	R25 (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4X1Φ190415-2R0□9/40	0	40	2	9	18	Φ19.0×1.5
MZ4P4S1210-9R0□V12/70	40	70	9	12	30	Φ12.0×1.0
MZ4P6S1210-9R0□V12/80	60	80	9	12	30	Φ12.0×1.0

High Voltage Models

Product Number	Curie Temp ()	Surface Temp ()	R25 (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4P5S1220-122□V230/100	50	100	1200	230	270	Φ11.8×2.0
MZ4P9S1220-122□V230/125	90	125	1200	230	270	Φ11.8×2.0

Notes: □ represents the deviation range of R25 (M: ±20%, X: ±25%, N: ±30%, S: Special). Other specifications or parameters can be customized.

PTC Thermistor for Motor Starting

Chip Type (MZ9 Series)



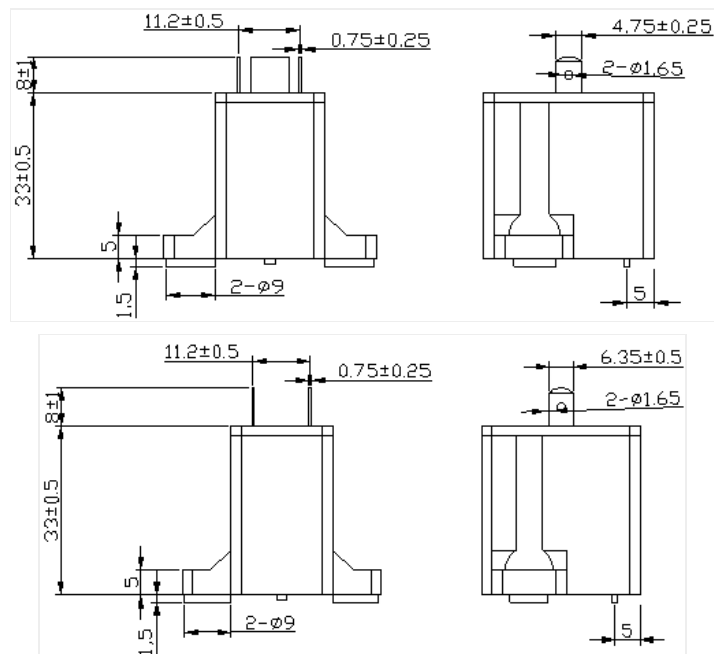
Applications

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

Features

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

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


 NTC MF72 series	 NTC MF73 series	 NTC MF51 series	 NTC MF55 series
 NTC MF11 series	 PTC heating chip series	 NTC MF58 series	 NTC MF59 series
 Intelligent composite PTC series	 PTC thermistor	 NTC-MF5A series	 NTC-MF52 series
 SMD paste NTC series	 Sensor series	 NTC-MF5Q series	 NTC-MF5P series

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





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