



MZ9 Series PTC Thermistor for Motor Starting Compressor Assistance

Basic Information

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



Product Specification

- Curie Temperature: 35-350
- Surface Temperature: 35-350
- Zero Power Resistor: 2Ω -6000 Ω
- Operating Voltage: 1.5-1000V
- Maximum Voltage: 18V-800V
- Diameter: $\Phi 8.0$ - $\Phi 19.0$ mm
- Thickness: 1.0-5.0mm
- Maximum Current: 4A-16A
- Destruction Voltage: 320V-860V
- Power Consumption: 3.2W-4W
- Electrode Material: Ni + Ag
- Shape: Round
- Resistor Deviation: $\pm 20\%$ - $\pm 30\%$
- Mounting Type: Chip Type
- Series: MZ9



More Images



Product Description

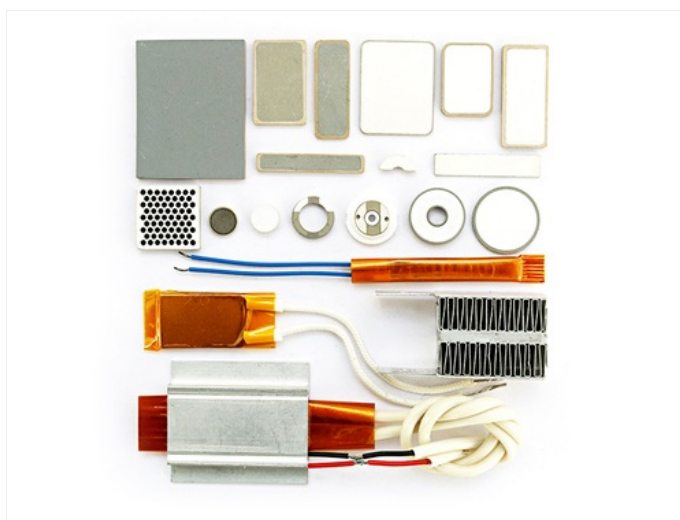
Factory Price Rectangle Strip Shape PTC Thermistor Heating Element

Constant temperature heating element for water heaters and electric ovens with excellent temperature regulation and self-control functions.

Product Specifications

Attribute	Value
Application	Auxiliary start of compressors such as refrigerators
Series	MZ9
Features	Chip
Mounting Type	Chip type
Type	PTC THERMISTOR
Manufacturer	LinKun
Shape	Round
Function	Compressor start-up assistance and inrush current suppression

PTC Thermistor for Heating



Applications

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

Household Industry: Washing machine components, warm air heating, medical equipment

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

Key Features

Excellent lifespan characteristics

Built-in temperature regulation and self-control

Compact and lightweight design

No fire risk

Reliable metal electrode construction

Technical Parameters

Low Voltage Models

Product Number	Curie Temp ()	Surface Temp ()	25°C Resistor (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4X1Φ190415-2R0□9/40	0	40	2	9	18	Φ19.0×1.5

High Voltage Models

Product Number	Curie Temp ()	Surface Temp ()	25°C Resistor (Ω)	Operating Voltage (V)	Max Voltage (V)	Size (mm)
MZ4P5S1220-122□V230/100	50	100	1200	230	270	Φ11.8×2

- Notes:
- 1. □ represents resistor tolerance: M: ±20%, X: ±25%, N: ±30%, S: Special
 - 2. Operating voltage range: 1.5-68V (low voltage), 100-1000V (high voltage)
 - 3. Surface temperature range: 35-350
 - 4. Custom specifications available

PTC Thermistor for Motor Starting



Applications

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

Features

- Reliable Ni+Ag electrodes
- Pressure clamping installation for long life
- No electrical noise
- High voltage and current resistance
- Safety certifications: UL, VDE, CQC, RoHS compliant

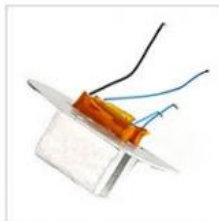
Product Gallery

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



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



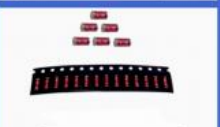
NTC MF11 series



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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