

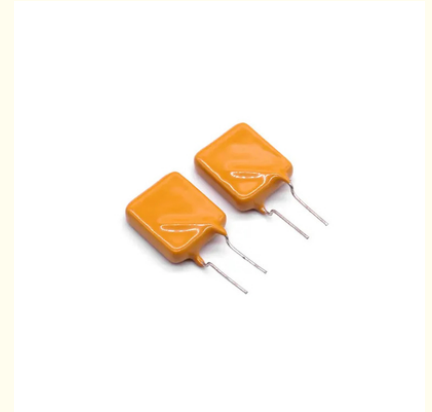


Radiator Polymer PPTC Thermistor High Safety For Overcurrent

Our Product Introduction

Basic Information

- Place of Origin: Dongguan China
- Brand Name: linkun
- Certification: CE / ROHS / UL / TUV / SGS
- Model Number: Polymer PPTC Thermistor
- Minimum Order Quantity: Negotiation
- Price: Negotiation
- Packaging Details: Export Package / Negotiation
- Delivery Time: Negotiation
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 24 million per year



Product Specification

- Features: Lead-free / Smaller Size
- Operating Temperature: -40°C-85°C
- Temperature Coefficient: PTC
- Resistance Tolerance: Customer-made
- Material: High Molecule Polymer
- Withstanding Surge Current: 1-400
- Highlight: **Radiator PPTC Thermistor,
Overcurrent PPTC Thermistor,
High Safety Polymer Thermistor For
Overcurrent**

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

Product Description

Smaller Size Polymer PPTC Thermistor For Overcurrent And Overtemperature Protection

PPTC is a polymer positive temperature thermistor, which belongs to a kind of linear components. It is a resistor made of special material semiconductor. Because it is sensitive to temperature, its resistance will change with the change of temperature. The common PTC is currently There are two types, PPTC polymer resettable fuse and CPTC ceramic fuse. Although both belong to PTC and have the function of maintaining current, there are differences in initial resistance, response speed, and size. PPTC resettable fuses are smaller in size, lower in resistance, and faster in response than ceramic fuses. Therefore, in terms of selection, PPTC resettable fuses are used in a wider range than ceramic fuses.

Features

- 1 Easy to set up with safety and stability.
- 2 Smaller size that saves board space and cost.
- 3 Resettable circuit protection.
- 4 Fast time-to-trip.
- 5 Low resistance.
- 6 Lead-free and compliant with the European Union RoHS Directive.

PTC Thermistor for Overload Over-current Protection 265V/250V Series Data

| Part number | Resistance @25C R25 (OHM) | Non-trip current I _{nt} (mA) | | Trip current @25C I _t (mA) | Max. operati ng voltage V _{max} (V) | Max. curre nt I _{max} (A) | Reference temperatu re T _{ref} (Centigrade) | Dimension (mm) | | |
|-----------------|------------------------------------|---|----------|---|---|--|--|-----------------------|-----------------------|--------|
| | | @25 C | @60 C | | | | | D _{max} x | T _{max} x | φ d |
| MZ11-20P3R7H265 | 3.7 ohm | 530mA | 430mA | 1050mA | 265V | 4.3A | 120C | 22.0 | 5.0 | 0.6 |
| MZ11-16P6R0H265 | 6.0 ohm | 390mA | 300mA | 780mA | 265V | 3.1A | | 17.5 | 5.0 | 0.6 |
| MZ11-16P7R0H265 | 7.0 ohm | 350mA | 280mA | 700mA | 265V | 3.1A | | 17.5 | 5.0 | 0.6 |
| MZ11-13P10RH265 | 10 ohm | 260mA | 200mA | 520mA | 265V | 1.8A | | 14.0 | 5.0 | 0.6 |
| MZ11-13P12RH265 | 12 ohm | 225mA | 180mA | 450mA | 265V | 1.8A | | 14.0 | 5.0 | 0.6 |
| MZ11-12P10RH265 | 10 ohm | 250mA | 200mA | 500mA | 265V | 1.8A | | 13.5 | 5.0 | 0.6 |
| MZ11-12P101H265 | 100 ohm | 50mA | 40mA | 100mA | 265V | 1.8A | | 13.5 | 5.0 | 0.6 |
| MZ11-10P15RH265 | 15 ohm | 180mA | 140mA | 350mA | 265V | 1.2A | | 11.0 | 5.0 | 0.6 |
| MZ11-10P39RH265 | 39 ohm | 130mA | 100mA | 250mA | 265V | 1.2A | | 11.0 | 5.0 | 0.6 |
| MZ11-08P15RH250 | 15 ohm | 150mA | 120mA | 300mA | 250V | 0.8A | | 9.0 | 5.0 | 0.6 |
| MZ11-08P25RH265 | 25 ohm | 130mA | 100mA | 250mA | 265V | 0.8A | | 9.0 | 5.0 | 0.6 |
| MZ11-08P35RH265 | 35 ohm | 115mA | 90mA | 225mA | 265V | 0.8A | | 9.0 | 5.0 | 0.6 |
| MZ11-08P45RH265 | 45 ohm | 105mA | 80mA | 200mA | 265V | 0.8A | | 9.0 | 5.0 | 0.6 |
| MZ11-08P55RH265 | 55 ohm | 90mA | 70mA | 180mA | 265V | 0.8A | | 9.0 | 5.0 | 0.6 |
| MZ11-07P82RH265 | 82 ohm | 70mA | 50mA | 140mA | 265V | 0.6A | | 8.0 | 5.0 | 0.6 |
| MZ11-07P56RH265 | 56 ohm | 90mA | 60mA | 175mA | 265V | 0.6A | | 8.0 | 5.0 | 0.6 |
| MZ11-06P33RH250 | 33 ohm | 110mA | 85mA | 200mA | 250V | 0.4A | | 7.0 | 4.5 | 0.6 |
| MZ11-05P70RH265 | 70 ohm | 65mA | 50mA | 130mA | 265V | 0.3A | | 6.5 | 5.0 | 0.6 |
| MZ11-05P85RH265 | 85 ohm | 60mA | 45mA | 120mA | 265V | 0.3A | | 6.5 | 5.0 | 0.6 |
| MZ11-05P39RH250 | 39 ohm | 80mA | 65mA | 160mA | 250V | 0.2A | | 6.5 | 5.0 | 0.6 |
| MZ11-05P121H265 | 120 ohm | 45mA | 35mA | 90mA | 265V | 0.3A | 6.5 | 5.0 | 0.6 | |
| MZ11-05P181H265 | 180 ohm | 40mA | 30mA | 80mA | 265V | 0.3A | 6.5 | 5.0 | 0.6 | |
| MZ11-04P70RH250 | 70 ohm | 50mA | 40mA | 100mA | 250V | 0.2A | 5.5 | 5.0 | 0.6 | |
| MZ11-04P121H265 | 120 ohm | 40mA | 30mA | 80mA | 265V | 0.2A | 5.5 | 5.0 | 0.6 | |

| | | | | | | | | | | |
|-----------------|----------|-------|-------|-------|------|------|------|------|-----|-----|
| MZ11-03P151H250 | 150 ohm | 40mA | 30mA | 75mA | 250V | 0.2A | 100C | 4.5 | 5.0 | 0.5 |
| MZ11-10N12RH250 | 12 ohm | 170mA | 130mA | 340mA | 250V | 1.2A | | 11.0 | 5.0 | 0.6 |
| MZ11-10N18RH265 | 18 ohm | 145mA | 110mA | 290mA | 265V | 1.2A | | 11.0 | 5.0 | 0.6 |
| MZ11-10N22RH265 | 22 ohm | 125mA | 90mA | 250mA | 265V | 1.2A | | 11.0 | 5.0 | 0.6 |
| MZ11-07N22RH250 | 22 ohm | 120mA | 90mA | 225mA | 250V | 0.5A | | 8.0 | 5.0 | 0.6 |
| MZ11-05N151H265 | 150 ohm | 38mA | 30mA | 80mA | 265V | 0.3A | | 6.5 | 5.0 | 0.6 |
| MZ11-05N301H265 | 300 ohm | 27mA | 20mA | 55mA | 265V | 0.3A | | 6.5 | 5.0 | 0.6 |
| MZ11-05N601H265 | 600 ohm | 20mA | 15mA | 40mA | 265V | 0.2A | | 6.5 | 5.0 | 0.6 |
| MZ11-05N102H265 | 1000 ohm | 15mA | 12mA | 30mA | 265V | 0.2A | | 6.5 | 5.0 | 0.6 |
| MZ11-04N151H265 | 150 ohm | 36mA | 28mA | 80mA | 265V | 0.3 | | 5.5 | 5.0 | 0.6 |
| MZ11-03N151H265 | 150 ohm | 33mA | 25mA | 65mA | 265V | 0.2A | | 4.5 | 5.0 | 0.5 |
| MZ11-03N101H250 | 100 ohm | 40mA | 30mA | 80mA | 250V | 0.2A | | 4.5 | 5.0 | 0.5 |
| MZ11-03N70RH250 | 70 ohm | 45mA | 35mA | 90mA | 250V | 0.1A | | 4.5 | 5.0 | 0.5 |
| MZ11-08M12RH250 | 12 ohm | 120mA | 70mA | 220mA | 250V | 0.8A | | 80C | 9.0 | 5.0 |
| MZ11-08M25RH265 | 25 ohm | 85mA | 50mA | 170mA | 265V | 0.8A | 9.0 | | 5.0 | 0.6 |
| MZ11-08M35RH265 | 35 ohm | 80mA | 50mA | 150mA | 265V | 0.8A | 9.0 | | 5.0 | 0.6 |
| MZ11-08M50RH265 | 50 ohm | 60mA | 40mA | 120mA | 265V | 1.0A | 9.0 | | 5.0 | 0.6 |
| MZ11-07M101H265 | 100 ohm | 50mA | 30mA | 100mA | 265V | 0.6A | 8.0 | | 5.0 | 0.6 |
| MZ11-05M70RH250 | 70 ohm | 50mA | 30mA | 100mA | 250V | 0.3A | 6.5 | | 5.0 | 0.6 |
| MZ11-05M121H265 | 120 ohm | 30mA | 20mA | 60mA | 265V | 0.3A | 6.5 | | 5.0 | 0.6 |
| MZ11-03M101H250 | 100 ohm | 25mA | 18mA | 55mA | 250V | 0.2A | 4.5 | | 5.0 | 0.5 |
| MZ11-03M151H265 | 150 ohm | 22mA | 15mA | 45mA | 265V | 0.2A | 4.5 | 5.0 | 0.5 | |

Applications

Temperature measurement and control of household air-conditioner, refrigerator, icebox, water heater, drinking machine, radiator, dishwasher, disinfectant, washing machine, drying machine, middle-or-low-temperature drying box and constant temperature box.

Conventional product electrical performance parameters

| Part No. | R25°C (KΩ) | B(K) 25/50°C | Rated Power @25°C(mW) | Dissipation Factor(δ) (mW/°C) | Thermal time Constant (S) |
|-------------|---------------|-----------------|--------------------------|----------------------------------|------------------------------|
| TS502□3274A | 5.0 | 3274 | 10-20 | 2-4 | 5-20 |
| TS502□3435B | 5.0 | 3435 | 10-20 | 2-4 | 5-20 |
| TS502□3470A | 5.0 | 3470 | 10-20 | 2-4 | 5-20 |
| TS502□3950A | 5.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS103□3274A | 10.0 | 3274 | 10-20 | 2-4 | 5-20 |
| TS103□3435B | 10.0 | 3435 | 10-20 | 2-4 | 5-20 |
| TS103□3470A | 10.0 | 3470 | 10-20 | 2-4 | 5-20 |
| TS103□3950A | 10.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS103□4100A | 10.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS153□3950A | 15.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS153□4100A | 15.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS203□3950A | 20.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS203□4100A | 20.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS223□4200A | 22.0 | 4200 | 10-20 | 2-4 | 5-20 |
| TS403□3928A | 40.0 | 3928 | 10-20 | 2-4 | 5-20 |
| TS503□3950A | 50.0 | 3950 | 10-20 | 2-4 | 5-20 |
| TS503□4100A | 50.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS104□3950A | 100.0 | 3950 | 10-20 | 2-4 | 5-20 |

| | | | | | |
|-------------|-------|------|-------|-----|------|
| TS104□4100A | 100.0 | 4100 | 10-20 | 2-4 | 5-20 |
| TS104□4400A | 100.0 | 4400 | 10-20 | 2-4 | 5-20 |



APPLICATION:

| | |
|----|---------------------------------|
| 1. | switch power supply |
| 2. | transformer, adaptor, charger |
| 3. | electric coils, control panel |
| 4. | house appliance(A/C,micro oven) |
| 5. | electronic circuit |
| 6. | instrument |

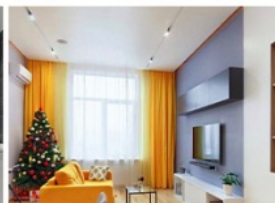
PRODUCT CATEGORIES



Home Appliance [More+](#)



Kitchen [More+](#)



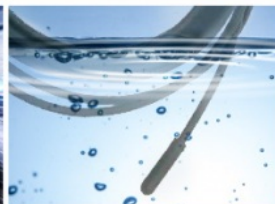
Home Industry [More+](#)



New Energy [More+](#)



Car Industry [More+](#)



TPE Temperature Sensor [More+](#)

CERTIFICATES



FAQ

Q: Are you trading company or manufacturer ?

A: We are the fuse factory.

Q: How long is your delivery time?

A: Generally it is 3 days if the goods are in stock. Or it is 5-10 days if the goods are not in stock, according to the quantity.

Q: Do you provide samples ? is it free or extra ?

A: Yes, we could offer the sample for free charge but do not pay the cost of freight.

Q: What is your terms of payment ?

A: 100% in advance, T/T.

If you have another question, pls feel free to contact us for more about PolySwitch PPTC Resettable PTC Fuse with radial leads



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