Polymer PPTC Resettable Thermal Fuse High Current Resistance for Electronic

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: High Current Resistance
- Operating Temperature: -40°C-85°C
- Temperature Coefficient: PTC
- Resistance Tolerance: Customer-made
- Material: High Molecule Polymer
- Agency Recognition: UL/ROHS/TUV
- Highlight: **Polymer Resettable Thermal Fuse**, **Electronic Resettable Thermal Fuse**, **Current Resistance Resettable Electronic Fuse**

Product Description

High Current Resistance Polymer PPTC Thermistor Self-Locking Operation

The Cooper Bussmann family of PolyTron™ resettable PPTCs is ideally suitedfor protecting applications sensitive to high ambient operating temperatures orsubject to frequent overcurrent conditions.PPTCs operate as a positive temperature coefficient device. High temperatures and excessive current will cause the device resistance to increase until it limits the unsafe current level.Upon reaching the design temperature/current limit, the PPTC will effectively“open” the circuit to provide protection from the overcurrent or elevated ambient temperature condition.Once the fault is removed or the ambient temperature cools, the PPTC will automatically “reset” and conduct safe current levels again, allowing current to flow through the circuit.PPTCs are commonly used in applications where constant uptime is required and/or in circuits not easily accessible by a user or service technician.Available in surface mount and radial packages, Cooper Bussmann resettable PPTCs help improve the safety and reliability of customer equipment worldwide.

PPTC resettable fuse features:

1. The resistance temperature is high, ten to a hundred times larger than that of metal, and it is more sensitive to temperature changes;
2. The working controllable temperature range is wide, which is suitable for normal temperature devices, high temperature devices and low temperature devices;
3. Long working time and long service life;
4. Small size, it can measure the temperature that other temperature measuring devices cannot measure;
5. The application and structure are simple, and it is very convenient to use. The resistance value can be arbitrarily selected between 0.1~100kΩ, and it can also be processed and produced;
6. Stable performance and strong overload capacity.

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

Part number	Resistance @25C R25 (OHM)	Non-trip current Int(mA)		Trip current @25C It (mA)	Max. operating voltage Vmax (V)	Max. current Imax (A)	Reference temperature Tref (Centigrade)	Dimension (mm)		
		@25C	@60C					Dmax	Tmax	Φd
MZ11-20P3R7H265	3.7 ohm	530mA	430mA	1050mA	265V	4.3A		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	120C	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		4.5	5.0	0.5
MZ11-10N12RH250	12 ohm	170mA	130mA	340mA	250V	1.2A	100C	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	0.6
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, disinfector,washing machine, drying machine,middle-or-low-temperature drying box and constant
temperature box.

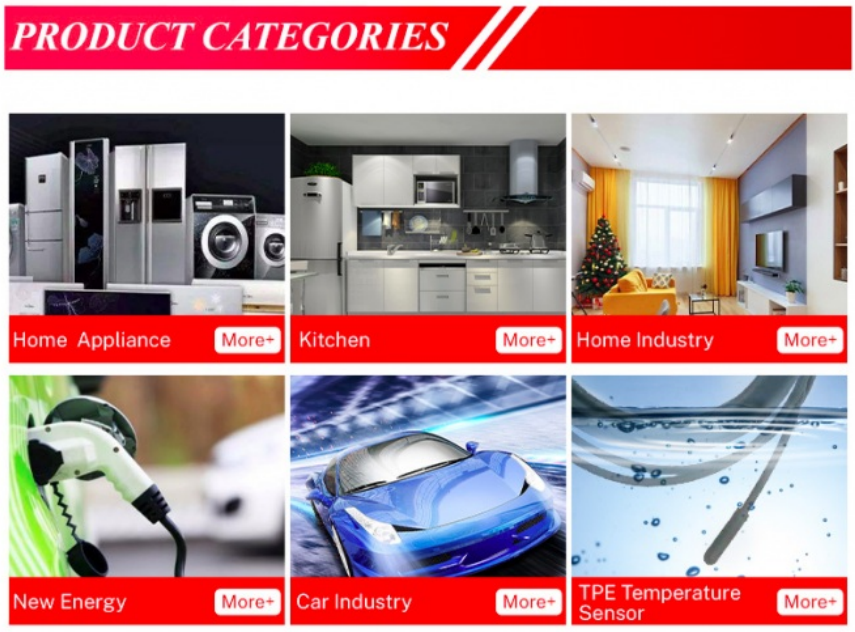
Conventional product electrical performance parameters

Part No.	R25℃ (KΩ)	B(K) 25/50℃	Rated Power @25℃(mW)	Dissipation Factor(δ) (mW/℃)	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 ciruit
6.	instrument



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