

PTC Thermistors Datasheet



1.Introduction of PTC thermistors MZ12 series:

The MZ12 series PTC Thermistors for ballast electronic systems are essential for energy-saving lighting and intelligent preheat start applications .Our PTC Termistor MZ12 series is engineered to ensure stability and efficiency of energy-saving lighting systems..

2.PTC thermistors MZ12 series Technical Specifications

MZ12 series PTC Termistor for ballast electronic and energy saving lighting intelligent preheat start.Combination of PTC Resistor and Varistor,no temperature-increasing or power-consuming after preheating.

Explore the MZ12 series PTC Termistor datasheet for detailed specifications on our energy-saving solutions as below. For competitive PTC Thermistor prices, visit our product page to request a quote.

Item	Part No.	Curie temperature T _c (°C) ±7	Rated Zero Resistance (KΩ) ±30%	Parameters for lights		Dimension (mm)	
				Tube Voltage(V)	Light Power(W)	Dmax	Tmax
1	05070-3H302	75.0	3.0	45±5	3-7	6.0	6.0
2	05101-3H322	75.0	3.3	65±5	4-7	6.0	6.0
3	05131-3H801	75.0	0.8	75±5	5-9	6.0	6.0
4	05141-3H202	75.0	2	85±5	5-9	6.0	6.0
5	05141-3H172	75.0	1.7	85±5	5-9	6.0	6.0
6	05141-3H701	75.0	0.7	85±5	7-11	6.0	6.0
7	05121-3H152	75.0	1.5	70±5	9-15	6.0	6.0
8	05151-4H102	75.0	1	95±5	9-18	6.5	6.0
9	06151-4H901	75.0	0.9	95±5	9-18	6.5	6.0
10	06151-4H551	75.0	0.55	95±5	9-18	6.5	6.0
11	07151-4H301	75.0	0.3	95±5	11-23	8.0	6.0
12	05151-3N152	105.0	1.5	95±5	15-25	8.0	6.0
13	08090-4H301	75.0	0.3	55±5	15-25	6.0	6.0
14	08131-4H175	75.0	1.75	75±5	15-25	9.0	6.0
15	08131-4H801	75.0	0.8	75±5	15-25	9.0	6.0
16	08171-4H102	75.0	1	110±5	18-36	9.0	6.0
17	07361-4H551	75.0	0.55	200±10	28*	8.0	6.0
18	07301-4H551	75.0	0.55	170±10	21*	8.0	6.0
19	10181-6F201	55.0	0.2	110±10	36*	10.7	6.0
20	11181-6F201	55.0	0.2	110±10	36*	11.7	6.0

Note: 1. R 25 resistance tolerance can be selected per customer's requirement.
2. PTC Thermistors encapsulation mode can be made per customer's requirement.
3. Wire shape kinked form can be selected.

3.Conclusion of PTC Resistor MZ12 Series

To learn more about our high-quality MZ12 Series PTC Thermistors and how they can enhance the efficiency of your energy-saving lighting systems, visit our product page. Our advanced solutions, including the PTC Resistor, are designed for optimal performance in ballast electronic systems. We offer competitive PTC Thermistor prices and custom solutions to meet your specific needs.