

PTC Thermistor Datasheet



1.Introduction of PTC Resistors MZ71 series:

The [PTC Resistors](#) in the MZ71 series are designed for the degaussing loop of color TVs. This [PTC Thermistor](#) provides an effective and reliable solution for reducing electromagnetic interference, ensuring optimal display quality.

2.PTC resistors MZ71 series Technical Specifications

Below are the key specifications for the Degauss Thermistor used in the MZ71 series for color TV applications. These [PTC Thermistor](#) components are available in various resistance and voltage options to meet specific customer requirements.

Include a bullet-point list summarizing the key features:

- Rated Power Resistance: 5Ω to 22Ω
- Operating Voltage: 100V to 220V
- Load Resistance: 3 to 10Ω
- Custom encapsulation options available
- Wire shape customization

For more detailed technical information on our PTC Thermistor products, please refer to the table below.

| Item | Degauss Thermistor Part No. | Rated Zero Power Resistance R(N)(Ω) | Curie temperature T c (°C) | Max Operating Voltage Vmax (V) | Current Attenuation Characteristics | | | Condition | | Dimension (mm) | | | |
|------|-----------------------------|-------------------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------|-----------------------|------------------|-----------------------|----------------|-----|-----|--------|
| | | | | | Initial Current (Ap-p) | After 3 Sec. (mAp-p) | After 60 Sec. (mArms) | Rated Vol. VN(V) | Load Resistance RL(Ω) | D±10 | T | | |
| 1 | MZ71-3ROX140 | | 40:60 | 140 | ≥26 | ≤300 | ≤15 | 100,120 | 3 | 12 | 6.0 | 0.6 | 7.5 |
| 2 | MZ71-5RON140 | 5±30% | 40:60 | 140 | ≥35 | ≤300 | ≤15 | 100,120 | 3 | 13 | 6.0 | 0.6 | 7.5,10 |
| 3 | MZ71-7ROM140 | 7±20% | 40:60 | 140 | ≥25 | ≤300 | ≤15 | 100,120 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |
| 4 | MZ71-9ROM270 | 9±20% | 40:60 | 270 | ≥25 | ≤300 | ≤12 | 220 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |
| 5 | MZ71-12RM270 | 12±20% | 40:60 | 270 | ≥20 | ≤240 | ≤12 | 220 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |
| 6 | MZ71-14RM270 | 14±20% | 40:60 | 270 | ≥20 | ≤200 | ≤12 | 220 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |
| 7 | MZ71-18RM270 | 18±20% | 40:60 | 270 | ≥20 | ≤250 | ≤12 | 220 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |
| 8 | MZ71-22RM270 | 22±20% | 40:60 | 270 | ≥20 | ≤150 | ≤12 | 220 | 10 | 14 | 6.0 | 0.6 | 7.5,10 |

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

3.Conclusion of PTC Thermistor MZ71 Series

To explore more about how our [PTC Resistors](#) can enhance the performance of your TV's degaussing loop, visit our [PTC Thermistor suppliers](#) page. We offer custom solutions for [Degauss Thermistor](#) applications, providing flexibility in design and competitive pricing.