

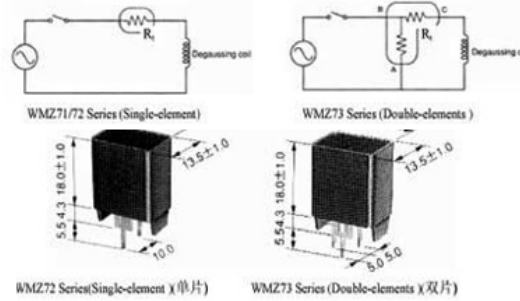
PTC Thermistors 正温度系数热敏电阻器

— For Degaussing in CRT of Color TV / Monitor 用于彩色电视机 / 显示器显像管消磁

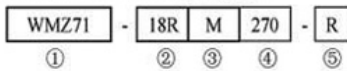
■ GENERAL 概述

WMZ71/72/73 Series Degaussing PTC Thermistors are specially designed for applications in automatic degaussing circuits of color TV's and Monitors etc. With the characteristics of low residual current and well reliability. The typical applicable circuits is as illustrated in Example of Application.

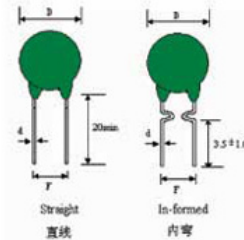
Especially importance, the WMZ71 series Solder-Leads Type has radically eliminated the connatural defects of the electrode oxidation and the reed invalidation of the WMZ72/73 series Encased Type. only few high-grade manufacturers such as Murata, Nichicon(Japanese company) and WECC (US company) have the capacity to produce owing to its special demands in technology, technics, materials etc., depending on the advantages of the joint-venture of WEILIN (Chinese party) and WECC (US party). Zhonghao put forward this high-grade products whose performance and quality has been approved by the famous Color TV manufacturers of Japan, both the cost and delivery are of first-rate competitive is surely being as the first choice to substitute imports for the manufacturers of Color TV / monitor.



■ PART NUMBERING 产品编号



- ① Series 系列: WMZ71 - Soldering Leads Type 焊接引线型
WMZ72 - Encased Type (Single-element) 壳装型 (单片)
WMZ73 - Encased Type (Double-elements) 壳装型 (双片)
- ② Rated Zero Power Resistance 额定零功率电阻: 18R - 18 Ω 9R0 - 9 Ω
- ③ Tolerance of Resistance 阻值公差: M - ±20% V - ±25% X - +30% / - 20%
- ④ Max. Operating Vol. 最大工作电压: 270 - 270V_{AC} 140 - 140V_{AC}
- ⑤ Special Code (RoHS) 特别代码: R-Compliance with RoHS (e.g. Pb Free) 符合RoHS要求 (如: 不含铅)



■ SPECIFICATION TABLE 规格表

| NO. 序号 | Part No. 产品编号 | Rated Zero Power Resistance 额定零功率电阻 R ₀ (Ω) | Curie Temperature 居里温度 T _C (°C) | Max. Operating Voltage 最大工作电压 V _{MAX} (V) | Current Attenuation Characteristics 电流衰减特性 | | | Condition 使用条件 | | Dimension (mm) 外形尺寸 | | | |
|-----------|------------------|--|--|--|---|----------------------------------|------------------------------------|--|---|------------------------|-------------------|--------------------|-----------------|
| | | | | | Initial Current 起始电流 (Ap-p) | After 3 sec. 3 秒后 (mA-p-p) | After 60 sec. 60 秒后 (mA-rms) | Rated Vol. 额定电压 V _R (V) | Load Resistance 负载电阻 R _L (Ω) | D ^{±1.0} | T _{stat} | d ^{±0.05} | F ^{±1} |
| 1 | WMZ71-3R0X140 | 3 ^{+30% -20%} | 40; 60 | 140 | ≥26 | ≤300 | ≤15 | 100 120 | 3 | 12 | 6 | 0.6 | 7.5 |
| 2 | WMZ71-5R0N140 | 5±30% | 40; 60 | 140 | ≥35 | ≤300 | ≤15 | 100 120 | 3 | 13 | 6 | 0.6 | 7.5 10 |
| 3 | WMZ71-7R0M140 | 7±20% | 40; 60 | 140 | ≥25 | ≤300 | ≤15 | 100 120 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 4 | WMZ71-9R0M270 | 9±20% | 40; 60 | 270 | ≥25 | ≤300 | ≤12 | 220 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 5 | WMZ71-12RM270 | 12±20% | 40; 60 | 270 | ≥20 | ≤240 | ≤12 | 220 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 6 | WMZ71-14RM270 | 14±20% | 40; 60 | 270 | ≥20 | ≤200 | ≤12 | 220 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 7 | WMZ71-18RM270 | 18±20% | 40; 60 | 270 | ≥20 | ≤250 | ≤12 | 220 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 8 | WMZ71-22RM270 | 22±20% | 40; 60 | 270 | ≥20 | ≤150 | ≤12 | 220 | 10 | 14 | 6 | 0.8 | 7.5 10 |
| 9 | WMZ72-4R5N140 | 4.5±30% | 40; 60 | 140 | ≥25 | ≤300 | ≤15 | 100 120 | 10 | | | | |
| 10 | WMZ72-7R0N270 | 7±30% | 40; 60 | 270 | ≥25 | ≤300 | ≤12 | 220 | 10 | | | | |
| 11 | WMZ72-9R0M270 | 9±20% | 40; 60 | 270 | ≥25 | ≤300 | ≤10 | 220 | 10 | | | | |
| 12 | WMZ72-10RM270 | 10±20% | 40; 60 | 270 | ≥25 | ≤300 | ≤10 | 220 | 10 | | | | |
| 13 | WMZ72-12RM270 | 12±20% | 40; 60 | 270 | ≥20 | ≤240 | ≤10 | 220 | 10 | | | | |
| 14 | WMZ72-14RM270 | 14±20% | 40; 60 | 270 | ≥20 | ≤240 | ≤8 | 220 | 10 | | | | |
| 15 | WMZ72-18RM270 | 18±20% | 40; 60 | 270 | ≥20 | ≤250 | ≤8 | 220 | 10 | | | | |
| 16 | WMZ72-20RM270 | 20±20% | 40; 60 | 270 | ≥20 | ≤250 | ≤8 | 220 | 10 | | | | |
| 17 | WMZ72-27RM270 | 27±20% | 40; 60 | 270 | ≥20 | ≤250 | ≤8 | 220 | 10 | | | | |
| 18 | WMZ73-4R5N140 | 4.5±30% | 40; 60 | 140 | ≥25 | ≤300 | ≤8 | 100 120 | 10 | | | | |
| 19 | WMZ73- 7R0N270 | 7±30% | 40; 60 | 270 | ≥25 | ≤300 | ≤5 | 220 | 10 | | | | |
| 20 | WMZ73-9R0M270 | 9±20% | 40; 60 | 270 | ≥25 | ≤300 | ≤5 | 220 | 10 | | | | |
| 21 | WMZ73-10RM270 | 10±20% | 40; 60 | 270 | ≥20 | ≤240 | ≤5 | 220 | 10 | | | | |
| 22 | WMZ73-12RM270 | 12±20% | 40; 60 | 270 | ≥20 | ≤200 | ≤5 | 220 | 10 | | | | |
| 23 | WMZ73-14RM270 | 14±20% | 40; 60 | 270 | ≥20 | ≤200 | ≤3 | 220 | 10 | | | | |
| 24 | WMZ73-18RM270 | 18±20% | 40; 60 | 270 | ≥20 | ≤250 | ≤3 | 220 | 10 | | | | |
| 25 | WMZ73-27RM270 | 27±20% | 40; 60 | 270 | ≥20 | ≤240 | ≤3 | 220 | 10 | | | | |

说明: WMZ73 系列旁路电阻 R>100OHM.