



特征 Features

- 反向漏电流小。 Low reverse leakage
- 齐纳击穿阻抗低。 low zener impedance
- 最大功率耗散500mW。 maximum power dissipation of 500 mW
- 高稳定性和可靠性。 High stability and high reliability

机械数据 Mechanical Data

封装: DO-35 玻璃封装 Case: DO-35 Glass Case

极性: 色环端为负极 Polarity: Color band denotes cathode end

安装位置: 任意 Mounting Position: Any

极限值和温度特性 TA = 25°C 除非另有规定。

Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

| 参数 Parameter | 符号 Symbols | 数值 Value | 单位 Unit |
|-------------------------------------|----------------|--------------|---------|
| 功率消耗 Power Dissipation | Pd | 500 | mW |
| 工作结温 Operating junction temperature | T _j | 175 | °C |
| 存储温度 Storage temperature range | Ts | -50 --- +150 | °C |

电特性 TA = 25°C 除非另有规定。

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

| 型号 Type | 稳压范围 Zener Voltage | | 测试条件 Test condition | 反向特性 Reverse Current | | 动态电阻 Dynamic Resistance | |
|----------|--------------------|----------|---------------------|----------------------|---------------------|-------------------------|---------------------|
| | V _Z (V) | | | I _R (μA) | 测试条件 Test condition | rd(Ω) | 测试条件 Test condition |
| | 最小值 MIN. | 最大值 MAX. | I _Z (mA) | 最大值 MAX. | V _R (V) | 最大值 MAX. | I _Z (mA) |
| MTZJ2.0B | 2.020 | 2.200 | 5 | 120 | 0.6 | 100 | 5 |
| MTZJ2.2B | 2.220 | 2.410 | 5 | 100 | 0.7 | 100 | 5 |
| MTZJ2.4B | 2.430 | 2.630 | 5 | 120 | 1.0 | 100 | 5 |
| MTZJ2.7B | 2.690 | 2.910 | 5 | 100 | 1.0 | 100 | 5 |
| MTZJ3.0B | 3.010 | 3.220 | 5 | 20 | 1.0 | 100 | 5 |
| MTZJ3.3B | 3.320 | 3.530 | 5 | 10 | 1.0 | 100 | 5 |
| MTZJ3.6B | 3.600 | 3.845 | 5 | 5 | 1.0 | 100 | 5 |
| MTZJ3.9B | 3.89 | 4.16 | 5 | 5 | 1.0 | 100 | 5 |
| MTZJ4.3B | 4.17 | 4.43 | 5 | 5 | 1.0 | 100 | 5 |
| MTZJ4.7B | 4.55 | 4.80 | 5 | 5 | 1.5 | 80 | 5 |

| 型号 Type | 稳压范围 Zener Voltage | | 测试条件 Test condition | 反向特性 Reverse Current | | 动态电阻 Dynamic Resistance | |
|------------|-----------------------|----------|------------------------|-------------------------|------------------------|----------------------------|------------------------|
| | V _Z (V) | | | I _R (μA) | 测试条件 Test condition | rd(Ω) | 测试条件 Test condition |
| | 最小值 MIN. | 最大值 MAX. | I _Z (mA) | 最大值 MAX. | V _R (V) | 最大值 MAX. | I _Z (mA) |
| MTZJ5.1B | 4.94 | 5.20 | 5 | 5 | 1.5 | 70 | 5 |
| MTZJ5.6B | 5.45 | 5.73 | 5 | 5 | 2.5 | 40 | 5 |
| MTZJ6.2B | 5.96 | 6.27 | 5 | 5 | 3.0 | 30 | 5 |
| MTZJ6.8B | 6.94 | 6.83 | 5 | 2 | 3.5 | 20 | 5 |
| MTZJ7.5B | 7.07 | 7.45 | 5 | 0.5 | 4.0 | 20 | 5 |
| MTZJ8.2B | 7.78 | 8.19 | 5 | 0.5 | 5.0 | 20 | 5 |
| MTZJ9.1B | 8.57 | 9.01 | 5 | 0.5 | 5.0 | 20 | 5 |
| MTZJ10B | 9.41 | 9.90 | 5 | 0.2 | 7.0 | 20 | 5 |
| MTZJ11B | 10.50 | 11.05 | 5 | 0.2 | 8.0 | 20 | 5 |
| MTZJ12B | 11.44 | 12.03 | 5 | 0.2 | 9.0 | 25 | 5 |
| MTZJ13B | 12.55 | 13.21 | 5 | 0.2 | 10 | 25 | 5 |
| MTZJ15B | 13.89 | 14.62 | 5 | 0.2 | 11 | 25 | 5 |
| MTZJ16B | 15.25 | 16.04 | 5 | 0.2 | 12 | 25 | 5 |
| MTZJ18B | 16.82 | 17.70 | 5 | 0.2 | 13 | 30 | 5 |
| MTZJ20B | 18.63 | 19.59 | 5 | 0.2 | 15 | 30 | 5 |
| MTZJ22B | 20.64 | 21.71 | 5 | 0.2 | 17 | 30 | 5 |
| MTZJ24B | 22.61 | 23.77 | 5 | 0.2 | 19 | 35 | 5 |
| MTZJ27B | 24.97 | 26.26 | 5 | 0.2 | 21 | 45 | 5 |
| MTZJ30B | 27.70 | 29.13 | 5 | 0.2 | 23 | 55 | 5 |
| MTZJ33B | 30.32 | 31.88 | 5 | 0.2 | 25 | 65 | 5 |
| MTZJ36B | 32.79 | 34.49 | 5 | 0.2 | 27 | 75 | 5 |
| MTZJ39B | 35.36 | 37.19 | 5 | 0.2 | 30 | 85 | 5 |