

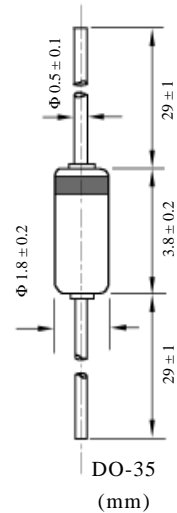
**1N9 SERIES
ZENER DIODES**

1N9 系列稳压二极管

1N9 SERIES ZENER DIODES

(T_A = 25°C, V_F = 1.5V, Max for all types) 所有型号在: T_A = 25°C, V_F 最大值为 1.5V I_F = 200mA.

| 型号 TYPE | 稳压值 Nominal Zener Voltage V _Z @I _{ZT} Volts | 测试电流 Test Current I _{ZT} mA | 最大动态阻抗 Max Zener Impedance A and B Suffix only | | | 漏电流 Max Reverse Leakage Current | | 最大稳压电流 Maximum DC Zener Current mA | 外型尺寸 Package Dimensions |
|------------|--|--|--|--|--|---------------------------------------|-------------------------|--|-------------------------------|
| | | | Z _{ZT} @I _{ZT} Ohms | Z _{ZK} @I _{ZK} Ohms | Z _{ZK} @I _{ZK} mA | I _R μA/MAX | V _R Volts | | |
| 1N957B | 6.8 | 18.5 | 4.5 | | 1 | 150 | 5.2 | 47 | |
| 1N958B | 7.5 | 16.5 | 5.5 | | 0.5 | 75 | 5.7 | 42 | |
| 1N959B | 8.2 | 15 | 6.5 | 700 | 0.5 | 50 | 6.2 | 38 | |
| 1N960B | 9.1 | 14 | 7.5 | | 0.5 | 25 | 6.9 | 35 | |
| 1N961B | 10 | 12.5 | 8.5 | | 0.25 | 10 | 7.6 | 32 | |
| 1N962B | 11 | 11.5 | 9.5 | | 0.25 | 5 | 8.4 | 28 | |
| 1N963B | 12 | 10.5 | 11.5 | 700 | | | 9.1 | 26 | |
| 1N964B | 13 | 9.5 | 13 | 700 | | | 9.9 | 24 | |
| 1N965B | 15 | 8.5 | 16 | 700 | 0.25 | 5 | 11.4 | 21 | |
| 1N966B | 16 | 7.8 | 17 | 700 | | | 12.6 | 19 | |
| 1N967B | 18 | 7.0 | 21 | 750 | | | 13.7 | 17 | |
| 1N968B | 20 | 6.2 | 25 | 750 | | | 15.2 | 15 | |
| 1N969B | 22 | 5.6 | 29 | 750 | | | 16.7 | 14 | |
| 1N970B | 24 | 5.2 | 33 | 750 | | | 18.2 | 13 | |
| 1N971B | 27 | 4.6 | 41 | 750 | 0.25 | 5 | 20.6 | 11 | |
| 1N972B | 30 | 4.2 | 49 | 1000 | | | 22.8 | 10 | |
| 1N973B | 33 | 3.8 | 58 | 1000 | | | 25.1 | 9.2 | |
| 1N974B | 36 | 3.4 | 70 | 1000 | | | 27.4 | 8.5 | |
| 1N975B | 39 | 3.2 | 80 | 1000 | | | 29.7 | 7.8 | |
| 1N976B | 43 | 3.0 | 93 | 1500 | | | 32.7 | 7.0 | |
| 1N977B | 47 | 2.7 | 105 | 1500 | 0.25 | 5 | 35.8 | 6.4 | |
| 1N978B | 51 | 2.5 | 125 | 1500 | | | 38.8 | 5.9 | |
| 1N979B | 56 | 2.2 | 150 | 2000 | | | 42.6 | 5.4 | |
| 1N980B | 62 | 2.0 | 185 | 2000 | | | 47.1 | 4.9 | |
| 1N981B | 68 | 1.8 | 230 | 2000 | | | 51.7 | 4.5 | |
| 1N982B | 75 | 1.7 | 270 | 2000 | | | 56.0 | 4.1 | |
| 1N983B | 82 | 1.5 | 330 | 3000 | 0.25 | 5 | 62.2 | 3.7 | |
| 1N984B | 91 | 1.4 | 400 | 3000 | | | 69.2 | 3.3 | |
| 1N985B | 100 | 1.3 | 500 | 3000 | | | 76.0 | 3.0 | |
| 1N986B | 110 | 1.1 | 750 | 4000 | | | 83.6 | 2.7 | |
| 1N987B | 120 | 1.0 | 900 | 4500 | | | 91.2 | 2.5 | |
| 1N988B | 130 | 0.95 | 1100 | 5000 | | | 98.8 | 2.3 | |
| 1N989B | 150 | 0.85 | 1500 | 6000 | 0.25 | 5 | 114 | 2.0 | |
| 1N990B | 160 | 0.8 | 1700 | 6500 | | | 121.6 | 1.9 | |
| 1N991B | 180 | 0.68 | 2200 | 7100 | | | 136.8 | 1.7 | |
| 1N992B | 200 | 0.65 | 2500 | 8000 | | | 152 | 1.5 | |



Tolerance Designation

The type numbers shown have tolerance designations as follows:

1N957B Series: V_Z ±5%, C for V_Z ±2%

NOTE1.TOLERANCE AND VOLTAGE DESIGNATION

1N957B 系列 B 档容差额 ±5%, C 档容差额 ±2%