

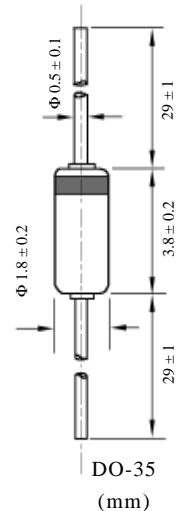
**1N9 SERIES  
ZENER DIODES**

1N9 系列稳压二极管

1N9 SERIES ZENER DIODES

(T<sub>A</sub> = 25°C, V<sub>F</sub> = 1.5V, Max for all types) 所有型号在: T<sub>A</sub> = 25°C, V<sub>F</sub> 最大值为 1.5V I<sub>F</sub> = 200mA.

| 型号<br>TYPE | 稳压值<br>Nominal<br>Zener<br>Voltage<br>V <sub>Z</sub> @I <sub>ZT</sub><br>Volts | 测试电流<br>Test<br>Current<br>I <sub>ZT</sub><br>mA | 最大动态阻抗<br>Max Zener Impedance<br>A and B Suffix only |  |  | 漏电流<br>Max Reverse<br>Leakage Current |                         | 最大稳压电流<br>Maximum<br>DC Zener<br>Current<br>mA | 外型尺寸<br>Package<br>Dimensions |
|------------|--|--|--|--|--|---------------------------------------|-------------------------|--|-------------------------------|
|            |  |  | Z <sub>ZT</sub> @I <sub>ZT</sub><br>Ohms             | Z <sub>ZK</sub> @I <sub>ZK</sub><br>Ohms | Z <sub>ZK</sub> @I <sub>ZK</sub><br>mA | I <sub>R</sub><br>μA/MAX              | V <sub>R</sub><br>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<sub>Z</sub> ±5%, C for V<sub>Z</sub> ±2%

NOTE1.TOLERANCE AND VOLTAGE DESIGNATION

1N957B 系列 B 档容差额 ±5%, C 档容差额 ±2%