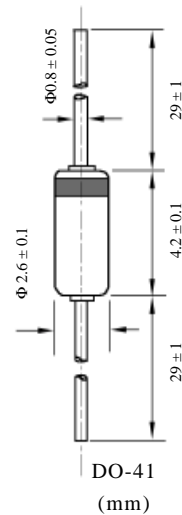


**1N47 SERIES  
ZENER DIODES**

**1N47 系列稳压二极管**
**1N47 SERIES ZENER DIODES**

(T<sub>A</sub>=25°C unless otherwise noted) V<sub>FMAX</sub>=1.2V @ I<sub>F</sub>=200mA for all types. 所有型号 V<sub>FMAX</sub>=1.2V @ I<sub>F</sub>=200mA. 其它特别说明除外.

| 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 |                         | 浪涌电流<br>Surge Current<br>@<br>T <sub>a</sub> =25°C<br>I <sub>r</sub> -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 |                                                                          |                               |
| 1N4728A    | 3.3                                                                            | 76                                               | 10                                                   | 400                                      |                                        | 100                                   |                         | 1380                                                                     |                               |
| 1N4729A    | 3.6                                                                            | 69                                               | 10                                                   | 400                                      |                                        | 100                                   |                         | 1260                                                                     |                               |
| 1N4730A    | 3.9                                                                            | 64                                               | 9                                                    | 400                                      | 1                                      | 50                                    | 1                       | 1190                                                                     |                               |
| 1N4731A    | 4.3                                                                            | 58                                               | 9                                                    | 400                                      |                                        | 10                                    |                         | 1070                                                                     |                               |
| 1N4732A    | 4.7                                                                            | 53                                               | 8                                                    | 500                                      |                                        | 10                                    |                         | 970                                                                      |                               |
| 1N4733A    | 5.1                                                                            | 49                                               | 7                                                    | 550                                      | 1                                      | 10                                    | 1                       | 890                                                                      |                               |
| 1N4734A    | 5.6                                                                            | 45                                               | 5                                                    | 600                                      | 1                                      |                                       | 2                       | 810                                                                      |                               |
| 1N4735A    | 6.2                                                                            | 41                                               | 2                                                    | 700                                      | 1                                      |                                       | 3                       | 730                                                                      |                               |
| 1N4736A    | 6.8                                                                            | 37                                               | 3.5                                                  | 700                                      | 1                                      | 10                                    | 4                       | 660                                                                      |                               |
| 1N4737A    | 7.5                                                                            | 34                                               | 4                                                    | 700                                      | 0.5                                    |                                       | 5                       | 605                                                                      |                               |
| 1N4738A    | 8.2                                                                            | 31                                               | 4.5                                                  |                                          | 0.5                                    |                                       | 6                       | 550                                                                      |                               |
| 1N4739A    | 9.1                                                                            | 28                                               | 5                                                    |                                          | 0.5                                    |                                       | 7                       | 500                                                                      |                               |
| 1N4740A    | 10                                                                             | 25                                               | 7                                                    | 700                                      |                                        | 10                                    | 7.6                     | 454                                                                      |                               |
| 1N4741A    | 11                                                                             | 23                                               | 8                                                    |                                          |                                        | 5                                     | 8.4                     | 414                                                                      |                               |
| 1N4742A    | 12                                                                             | 21                                               | 9                                                    |                                          | 0.25                                   | 5                                     | 9.1                     | 380                                                                      |                               |
| 1N4743A    | 13                                                                             | 19                                               | 10                                                   | 700                                      |                                        | 5                                     | 9.9                     | 344                                                                      |                               |
| 1N4744A    | 15                                                                             | 17                                               | 14                                                   | 700                                      |                                        | 5                                     | 11.4                    | 304                                                                      |                               |
| 1N4745A    | 16                                                                             | 15.5                                             | 16                                                   | 700                                      |                                        | 5                                     | 12.2                    | 285                                                                      |                               |
| 1N4746A    | 18                                                                             | 14                                               | 20                                                   | 750                                      |                                        |                                       | 13.7                    | 250                                                                      |                               |
| 1N4747A    | 20                                                                             | 12.5                                             | 22                                                   | 750                                      |                                        |                                       | 15.2                    | 225                                                                      |                               |
| 1N4748A    | 22                                                                             | 11.5                                             | 23                                                   | 750                                      | 0.25                                   | 5                                     | 16.7                    | 205                                                                      |                               |
| 1N4749A    | 24                                                                             | 10.5                                             | 25                                                   | 750                                      |                                        |                                       | 18.2                    | 190                                                                      |                               |
| 1N4750A    | 27                                                                             | 9.5                                              | 35                                                   | 750                                      |                                        |                                       | 20.6                    | 170                                                                      |                               |
| 1N4751A    | 30                                                                             | 8.5                                              | 40                                                   | 1000                                     |                                        |                                       | 22.8                    | 150                                                                      |                               |
| 1N4752A    | 33                                                                             | 7.5                                              | 45                                                   | 1000                                     |                                        |                                       | 25.1                    | 135                                                                      |                               |
| 1N4753A    | 36                                                                             | 7                                                | 50                                                   | 1000                                     |                                        |                                       | 27.4                    | 125                                                                      |                               |
| 1N4754A    | 39                                                                             | 6.5                                              | 60                                                   | 1000                                     | 0.25                                   | 5                                     | 29.7                    | 115                                                                      |                               |
| 1N4755A    | 43                                                                             | 6                                                | 70                                                   | 1500                                     |                                        |                                       | 32.7                    | 110                                                                      |                               |
| 1N4756A    | 47                                                                             | 5.5                                              | 80                                                   | 1500                                     |                                        |                                       | 35.8                    | 95                                                                       |                               |
| 1N4757A    | 51                                                                             | 5                                                | 95                                                   | 1500                                     |                                        |                                       | 38.8                    | 90                                                                       |                               |
| 1N4758A    | 56                                                                             | 4.5                                              | 110                                                  | 2000                                     |                                        |                                       | 42.6                    | 80                                                                       |                               |
| 1N4759A    | 62                                                                             | 4                                                | 125                                                  | 2000                                     |                                        |                                       | 47.1                    | 70                                                                       |                               |
| 1N4760A    | 68                                                                             | 3.7                                              | 150                                                  | 2000                                     |                                        |                                       | 51.7                    | 65                                                                       |                               |
| 1N4761A    | 75                                                                             | 3.3                                              | 175                                                  | 2000                                     | 0.25                                   | 5                                     | 56                      | 60                                                                       |                               |
| 1N4762A    | 82                                                                             | 3                                                | 200                                                  | 3000                                     |                                        |                                       | 62.2                    | 55                                                                       |                               |
| 1N4763A    | 91                                                                             | 2.8                                              | 250                                                  | 3000                                     |                                        |                                       | 69.2                    | 50                                                                       |                               |
| 1N4764A    | 100                                                                            | 2.5                                              | 350                                                  | 3000                                     |                                        |                                       | 76                      | 45                                                                       |                               |



V<sub>Z</sub> tolerance: ±5%

V<sub>Z</sub> 容差控制在 ±5%