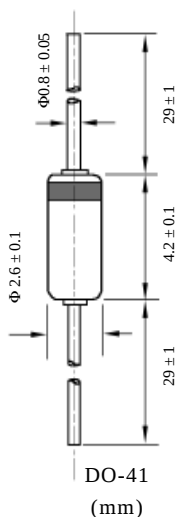


## 1N47 系列稳压二极管

## 1N47 SERIES ZENER DIODES

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ZENER DIODES

( $T_A=25^{\circ}\text{C}$  unless otherwise noted)  $V_{FMAX}=1.2\text{V}$  @  $I_F=200\text{mA}$  for all types. 所有型号  $V_{FMAX}=1.2\text{V}$  @  $I_F=200\text{mA}$ . 其它特别说明除外.

| 型 号<br>TYPE | 稳压值<br>Nominal<br>Zener<br>Voltage<br>$V_Z @ I_{ZT}$<br>Volts | 测试电流<br>Test<br>Current<br>$I_{ZT}$<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>$T_A=25^{\circ}\text{C}$<br>$I_r$ -mA | 外型尺寸<br>Package<br>Dimensions                                                                              |
|-------------|---------------------------------------------------------------|-------------------------------------------|------------------------------------------------------|---------------------------|-------------------------|---------------------------------------|----------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|             |                                                               |                                           | $Z_{ZT} @ I_{ZT}$<br>Ohms                            | $Z_{ZK} @ I_{ZK}$<br>Ohms | $Z_{ZK} @ I_{ZK}$<br>mA | $I_R$<br>$\mu\text{A MAX}$            | $V_R$<br>Volts |                                                                     |                                                                                                            |
| 1N4728A     | 3.3                                                           | 76                                        | 10                                                   | 400                       |                         | 100                                   |                | 1380                                                                |  <p>DO-41<br/>(mm)</p> |
| 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                                                                  |                                                                                                            |

$V_Z$  tolerance:  $\pm 5\%$

$V_Z$  容差控制在  $\pm 5\%$

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