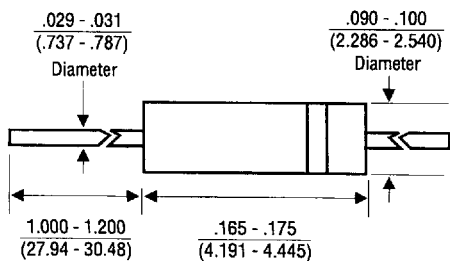


# ZENER DIODES

1W

| Part #  | Nominal Zener Voltage | Test Current  | Maximum Dynamic Impedance |
|---------|-----------------------|---------------|---------------------------|
|         | $V_Z$ (V)             | $I_{ZT}$ (mA) | $Z_{ZT}$ ( $\Omega$ )     |
| 1N4158B | 6.8                   | 37.0          | 3.5                       |
| 1N4159B | 7.5                   | 34.0          | 4.0                       |
| 1N4160B | 8.2                   | 31.0          | 4.5                       |
| 1N4161B | 9.1                   | 28.0          | 5.0                       |
| 1N4162B | 10.0                  | 25.0          | 7.0                       |
| 1N4163B | 11.0                  | 23.0          | 8.0                       |
| 1N4164B | 12.0                  | 21.0          | 9.0                       |
| 1N4165B | 13.0                  | 19.0          | 10.0                      |
| 1N4166B | 15.0                  | 17.0          | 14.0                      |
| 1N4167B | 16.0                  | 15.5          | 16.0                      |
| 1N4168B | 18.0                  | 14            | 20.0                      |
| 1N4169B | 20.0                  | 12.5          | 22.0                      |
| 1N4170B | 22.0                  | 11.5          | 23.0                      |
| 1N4171B | 24.0                  | 10.5          | 25.0                      |
| 1N4172B | 27.0                  | 9.5           | 35.0                      |
| 1N4173B | 30.0                  | 8.5           | 40.0                      |
| 1N4174B | 33.0                  | 7.5           | 45.0                      |
| 1N4175B | 36.0                  | 7.0           | 50.0                      |
| 1N4176B | 39.0                  | 6.5           | 60.0                      |
| 1N4400B | 6.8                   | 37.0          | 2.0                       |
| 1N4401B | 7.5                   | 34.0          | 2.0                       |
| 1N4402B | 8.2                   | 31.0          | 2.0                       |
| 1N4403B | 9.1                   | 28.0          | 2.5                       |
| 1N4404B | 10.0                  | 25.0          | 3.0                       |
| 1N4405B | 11.0                  | 23            | 3.5                       |
| 1N4406B | 12.0                  | 21            | 4.0                       |
| 1N4407B | 13.0                  | 19            | 5.0                       |
| 1N4408B | 15.0                  | 17            | 6.0                       |
| 1N4409B | 16.0                  | 15            | 8.0                       |
| 1N4410B | 18.0                  | 14.0          | 10.0                      |
| 1N4411B | 20.0                  | 12.0          | 11.0                      |
| 1N4412B | 22.0                  | 11.0          | 12.0                      |
| 1N4413B | 24.0                  | 10.0          | 13.0                      |
| 1N4414B | 27.0                  | 9.5           | 14.0                      |
| 1N4415B | 30.0                  | 8.5           | 15.0                      |
| 1N4416B | 33.0                  | 7.5           | 17.0                      |
| 1N4417B | 36.0                  | 7.0           | 19.0                      |
| 1N4418B | 39.0                  | 6.5           | 21.0                      |
| 1N4419B | 43.0                  | 6.0           | 23.0                      |
| 1N4420B | 47.0                  | 5.5           | 26.0                      |
| 1N4421B | 51.0                  | 5.0           | 30.0                      |
| 1N4422B | 56.0                  | 4.5           | 33.0                      |
| 1N4423B | 62.0                  | 4.0           | 40.0                      |
| 1N4424B | 68.0                  | 3.7           | 44.0                      |
| 1N4425B | 75.0                  | 3.3           | 60.0                      |
| 1N4426B | 82.0                  | 3.0           | 85.0                      |
| 1N5559B | 6.8                   | 37.0          | —                         |
| 1N5560B | 7.5                   | 34.0          | —                         |
| 1N5561B | 8.2                   | 31.0          | —                         |
| 1N5562B | 9.1                   | 28.0          | —                         |
| 1N5563B | 10.0                  | 25.0          | —                         |

DO-41



Operating temperature -65°C to +150°C  
 5% standard tolerance; 2% and 1% are available



CALL US AT 617-592-6090  
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# ZENER DIODES

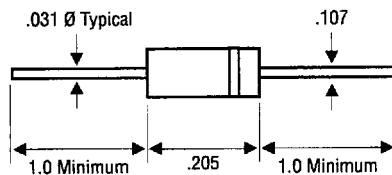
1W (cont.)

| Part #  | Nominal Zener Voltage | Test Current  | Maximum Dynamic Impedance |
|---------|-----------------------|---------------|---------------------------|
|         | $V_Z$ (V)             | $I_{ZT}$ (mA) | $Z_{ZT}$ ( $\Omega$ )     |
| 1N5564B | 11.0                  | 23.0          | —                         |
| 1N5565B | 12.0                  | 21.0          | —                         |
| 1N5566B | 13.0                  | 19.0          | —                         |
| 1N5567B | 15.0                  | 17.0          | —                         |
| 1N5568B | 16.0                  | 15.0          | —                         |
| 1N5569B | 18.0                  | 14.0          | —                         |
| 1N5570B | 20.0                  | 12.0          | —                         |
| 1N5571B | 22.0                  | 11.0          | —                         |
| 1N5572B | 24.0                  | 10.0          | —                         |
| 1N5573B | 27.0                  | 9.5           | —                         |
| 1N5574B | 30.0                  | 8.5           | —                         |
| 1N5575B | 33.0                  | 7.5           | —                         |

| Part #  | Nominal Zener Voltage at Test Current |   |              |
|---------|---------------------------------------|---|--------------|
|         | $V_Z$                                 | @ | $I_{ZT}$ (V) |
| 1N4728A | 3.3                                   | @ | 76           |
| 1N4729A | 3.6                                   | @ | 69           |
| 1N4730A | 3.9                                   | @ | 64           |
| 1N4731A | 4.3                                   | @ | 58           |
| 1N4732A | 4.7                                   | @ | 53           |
| 1N4733A | 5.1                                   | @ | 49           |
| 1N4734A | 5.6                                   | @ | 45           |
| 1N4735A | 6.2                                   | @ | 41           |
| 1N4736A | 6.8                                   | @ | 37           |
| 1N4737A | 7.5                                   | @ | 34           |
| 1N4738A | 8.2                                   | @ | 31           |
| 1N4739A | 9.1                                   | @ | 28           |
| 1N4740A | 10.0                                  | @ | 25           |
| 1N4741A | 11                                    | @ | 23.0         |
| 1N4742A | 12                                    | @ | 21.0         |
| 1N4743A | 13                                    | @ | 19.0         |
| 1N4744A | 15                                    | @ | 17.0         |
| 1N4745A | 16                                    | @ | 15.5         |

| Part #  | Nominal Zener Voltage at Test Current |   |              |
|---------|---------------------------------------|---|--------------|
|         | $V_Z$                                 | @ | $I_{ZT}$ (V) |
| 1N4746A | 18                                    | @ | 14.0         |
| 1N4747A | 20                                    | @ | 12.5         |
| 1N4748A | 22                                    | @ | 11.5         |
| 1N4749A | 24                                    | @ | 10.5         |
| 1N4750A | 27                                    | @ | 9.5          |
| 1N4751A | 30                                    | @ | 8.5          |
| 1N4752A | 33                                    | @ | 7.5          |
| 1N4753A | 36                                    | @ | 7            |
| 1N4754A | 39                                    | @ | 6.5          |
| 1N4755A | 43                                    | @ | 6            |
| 1N4756A | 47                                    | @ | 5.5          |
| 1N4757A | 51                                    | @ | 5            |
| 1N4758A | 56                                    | @ | 4.5          |
| 1N4759A | 62                                    | @ | 4            |
| 1N4760A | 68                                    | @ | 3.7          |
| 1N4761A | 75                                    | @ | 3.3          |
| 1N4762A | 82                                    | @ | 3            |
| 1N4763A | 91                                    | @ | 2.8          |

D0-41



Operating temperature -65°C to +175°C  
5% standard tolerance; Special tolerances available upon request