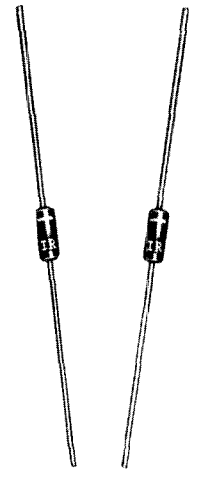


Voltage Regulator Diodes
Diodi Regolatori di Tensione
Z-Dioden
Diodes Zener

P_{tot} = 500mW
T_i = 75°C
Bulletin 2222

| Type | Min V | V _Z @ I _{ZT} Nom V | Max V | I _{ZT} mA | r _Z @ I _{ZT} Ω | I _R @ 25°C μA | V _R 10% V | V _R 5% V | Outline |
|---------|-------|---|-------|-----------------------|--|--------------------------------|----------------------------|---------------------------|---------|
| 1N5221B | 2.28 | 2.4 | 2.52 | 20 | 30 | 100 | 0.95 | 1 | |
| 1N5222B | 2.37 | 2.5 | 2.63 | 20 | 30 | 100 | 0.95 | 1 | |
| 1N5223B | 2.57 | 2.7 | 2.84 | 20 | 30 | 75 | 0.95 | 1 | |
| 1N5224B | 2.66 | 2.8 | 2.94 | 20 | 30 | 75 | 0.95 | 1 | |
| 1N5225B | 2.85 | 3 | 3.15 | 20 | 29 | 50 | 0.95 | 1 | |
| 1N5226B | 3.13 | 3.3 | 3.47 | 20 | 28 | 25 | 0.95 | 1 | |
| 1N5227B | 3.42 | 3.6 | 3.78 | 20 | 24 | 15 | 0.95 | 1 | |
| 1N5228B | 3.7 | 3.9 | 4.1 | 20 | 23 | 10 | 0.95 | 1 | |
| 1N5229B | 4.08 | 4.3 | 4.52 | 20 | 22 | 5 | 0.95 | 1 | |
| 1N5230B | 4.46 | 4.7 | 4.94 | 20 | 19 | 5 | 1.9 | 2 | |
| 1N5231B | 4.84 | 5.1 | 5.35 | 20 | 17 | 5 | 1.9 | 2 | |
| 1N5232B | 5.32 | 5.6 | 5.88 | 20 | 11 | 5 | 2.9 | 3 | |
| 1N5233B | 5.7 | 6 | 6.3 | 20 | 7 | 5 | 3.3 | 3.5 | |
| 1N5234B | 5.89 | 6.2 | 6.51 | 20 | 7 | 5 | 3.8 | 4 | |
| 1N5235B | 6.46 | 6.8 | 7.14 | 20 | 5 | 3 | 4.8 | 5 | |
| 1N5236B | 7.13 | 7.5 | 7.88 | 20 | 6 | 3 | 5.7 | 6 | |
| 1N5237B | 7.8 | 8.2 | 8.6 | 20 | 8 | 3 | 6.2 | 6.5 | |
| 1N5238B | 8.27 | 8.7 | 9.13 | 20 | 8 | 3 | 6.2 | 6.5 | |
| 1N5239B | 8.65 | 9.1 | 9.55 | 20 | 10 | 3 | 6.7 | 7 | |
| 1N5240B | 9.5 | 10 | 10.5 | 20 | 17 | 3 | 7.6 | 8 | |
| 1N5241B | 10.4 | 11 | 11.55 | 20 | 22 | 2 | 8 | 8.4 | |
| 1N5242B | 11.4 | 12 | 12.6 | 20 | 30 | 1 | 8.7 | 9.1 | |
| 1N5243B | 12.3 | 13 | 13.7 | 9.5 | 13 | 0.5 | 9.4 | 9.9 | |
| 1N5244B | 13.3 | 14 | 14.7 | 9 | 15 | 0.1 | 9.5 | 10 | |
| 1N5245B | 14.2 | 15 | 15.8 | 8.5 | 16 | 0.1 | 10.5 | 11 | |
| 1N5246B | 15.2 | 16 | 16.8 | 7.8 | 17 | 0.1 | 11.4 | 12 | |
| 1N5247B | 16.1 | 17 | 17.9 | 7.4 | 19 | 0.1 | 12.4 | 13 | |
| 1N5248B | 17.1 | 18 | 18.9 | 7 | 21 | 0.1 | 13.3 | 14 | |
| 1N5249B | 18 | 19 | 20 | 6.6 | 23 | 0.1 | 13.3 | 14 | |
| 1N5250B | 19 | 20 | 21 | 6.2 | 25 | 0.1 | 14.3 | 15 | |
| 1N5251B | 20.9 | 22 | 23.1 | 5.6 | 29 | 0.1 | 16.2 | 17 | |
| 1N5252B | 22.8 | 24 | 25.2 | 5.2 | 33 | 0.1 | 17.1 | 18 | |
| 1N5253B | 23.7 | 25 | 26.3 | 5 | 35 | 0.1 | 18.1 | 19 | |
| 1N5254B | 25.6 | 27 | 28.3 | 4.6 | 41 | 0.1 | 20 | 21 | |
| 1N5255B | 26.6 | 28 | 29.4 | 4.5 | 44 | 0.1 | 20 | 21 | |
| 1N5256B | 28.5 | 30 | 31.5 | 4.2 | 49 | 0.1 | 22 | 23 | |
| 1N5257B | 31.3 | 33 | 34.7 | 3.8 | 58 | 0.1 | 24 | 25 | |

11



1N5221B - 1N5257B

DasheetDirectory

The types listed are 5% tolerance. To specify 10% change suffix to 'A' [4]