



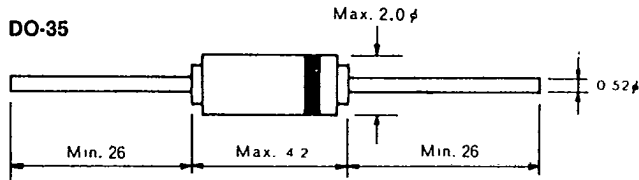
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# Silicon Zener Diode (500mW)

## Series 1N5231-1N5257

### Features

- Silicon Planar diode with double heat sink and glass sealed
- Storage Temperature - 65°C ~ + 175°C
- Junction Temperature 175°C
- Power Dissipation 500mW (to 25°C)

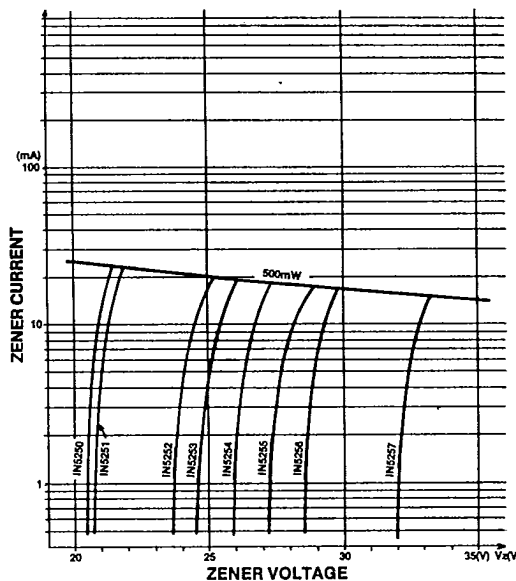
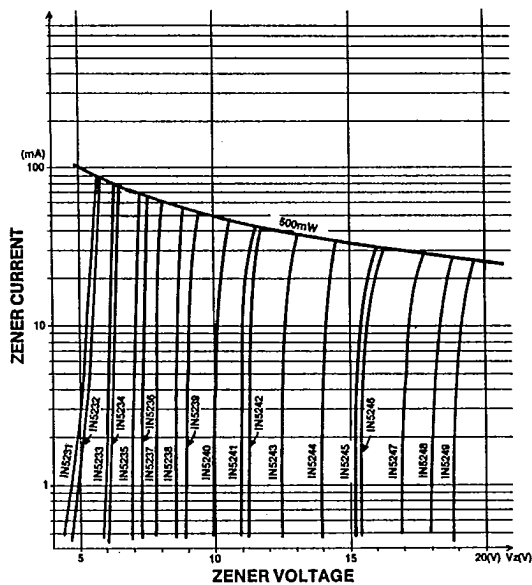


dimensions in mm

### Electrical Characteristics Ta = 25°C

Type No.	Min. V	Zener Voltage at Izt Nom. V	Max. V	Izt mA	Max. Zener Impedance Ω	Max. Reverse Leakage μA	V	Temperature Coefficient %/C
1N5231 B	4.8	5.1	5.4	20	140	1	1	0.030
1N5232 B	5.3	5.6	6.0	20	80	1	1	0.036
1N5233 B	5.7	6.0	6.3	20	60	1	2	0.038
1N5234 B	5.8	6.2	6.6	20	30	1	2	0.045
1N5235 B	5.4	6.8	7.2	20	30	1	2	0.050
1N5236 B	7.1	7.5	7.9	20	40	1	3	0.058
1N5237 B	7.7	8.2	8.7	20	50	1	4	0.062
1N5238 B	8.3	8.7	9.1	20	60	1	5	0.065
1N5239 B	8.6	9.1	9.6	20	60	1	6	0.068
1N5240 B	9.5	10.0	10.5	20	70	1	7	0.075
1N5241 B	10.5	11.0	11.6	20	95	1	9	0.076
1N5242 B	11.4	12.0	12.6	20	100	1	10	0.077
1N5243 B	12.4	13.0	13.7	9.5	130	1	11	0.079
1N5244 B	12.3	14.0	14.7	9.0	150	1	11	0.080
1N5245 B	14.3	15.0	15.8	8.5	160	1	12	0.082
1N5246 B	15.2	16.0	16.8	7.8	170	1	14	0.083
1N5247 B	16.2	17.0	17.9	7.4	190	1	14	0.084
1N5248 B	17.1	18.0	18.9	7.0	210	1	15	0.085
1N5249 B	18.0	19.0	20.0	6.6	230	1	16	0.086
1N5250 B	19.0	20.0	21.0	6.2	250	1	18	0.086
1N5251 B	20.9	22.0	23.1	5.6	290	1	19	0.087
1N5252 B	22.8	24.0	25.2	5.2	330	1	21	0.088
1N5253 B	23.8	25.0	26.3	5.0	350	1	21	0.089
1N5254 B	25.7	27.0	28.4	4.6	410	1	23	0.090
1N5255 B	26.6	28.0	29.4	4.5	440	1	24	0.091
1N5256 B	28.5	30.0	31.5	4.2	490	1	26	0.091
1N5257 B	31.4	32.0	34.6	3.8	550	1	29	0.092

### 1N5231 Series (500mW)



Available Tape and Reel