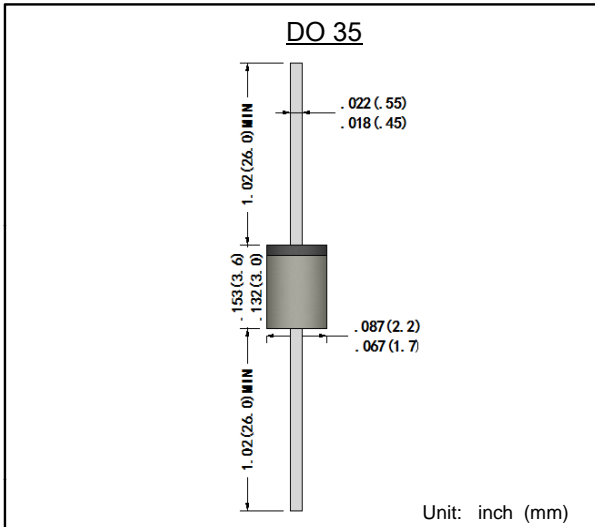




轴向稳压二极管
 功率 500 mW
 稳压电压范围 2.4 - 75 V

Axial Zener Diode
 Power Dissipation 500 mW
 Zener Voltage Range 2.4 - 75 V



特征 Features

- 平面结构芯片 Planar die construction
- 标准稳压电压公差 $\pm 5\%$ Standard Zener voltage tolerance is $\pm 5\%$
- 低噪声 Low noise
- 引线镀层符合RoHS标准
Lead plating according with RoHS standard

机械数据 Mechanical Data

- 封装: DO35 玻璃封装 Case: DO35 Glass case
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

最大值和特性 $T_A = 25^\circ\text{C}$ 除非另有规定。

Maximum Ratings & Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

参数 Parameter	符号 Symbols	数值	单位
		Value	Unit
功率消耗 Power Dissipation (Note 1)	P_D	500	mW
典型热阻 Type Thermal Resistance (Note 1)	$R_{\theta JA}$	300	$^\circ\text{C}/\text{W}$
正向电压 Forward Voltage $I_F=200\text{mA}$	V_{FM}	1.1	V
工作结温和存储温度 Operating Junction and Storage Temperature Range	T_J, T_{STG}	-65 --- +175	$^\circ\text{C}$

备注 Note:

- 1) Valid provided that leads at a distance of 10mm from case are kept at ambient temperature



1N5221B-1N5267B

产品型号 Part No.	V _Z @ I _{ZT}			Z _{ZT}		Z _{ZK}		I _R (μ A)	
	Nom.(V)	Min.(V)	Max.(V)	Max. (Ω)	@I _{ZT} (mA)	Max. (Ω)	@I _{ZK} (mA)	Max.	@VR(V)
1N5221B	2.4	2.28	2.52	30	20	1200	0.25	100	1
1N5222B	2.5	2.38	2.63	30	20	1250	0.25	100	1
1N5223B	2.7	2.57	2.84	30	20	1300	0.25	75	1
1N5224B	2.8	2.66	2.94	30	20	1400	0.25	75	1
1N5225B	3.0	2.85	3.15	29	20	1600	0.25	50	1
1N5226B	3.3	3.14	3.47	28	20	1600	0.25	25	1
1N5227B	3.6	3.42	3.78	24	20	1700	0.25	15	1
1N5228B	3.9	3.71	4.10	23	20	1900	0.25	10	1
1N5229B	4.3	4.09	4.52	22	20	2000	0.25	5	1
1N5230B	4.7	4.47	4.94	19	20	1900	0.25	5	2
1N5231B	5.1	4.85	5.36	17	20	1600	0.25	5	2
1N5232B	5.6	5.32	5.88	11	20	1600	0.25	5	3
1N5233B	6.0	5.70	6.30	7	20	1600	0.25	5	3.5
1N5234B	6.2	5.89	6.51	7	20	1000	0.25	5	4
1N5235B	6.8	6.46	7.14	5	20	750	0.25	3	5
1N5236B	7.5	7.13	7.88	6	20	500	0.25	3	6
1N5237B	8.2	7.79	8.61	8	20	500	0.25	3	6.5
1N5238B	8.7	8.27	9.14	8	20	600	0.25	3	6.5
1N5239B	9.1	8.65	9.56	10	20	600	0.25	3	7
1N5240B	10.0	9.50	10.50	17	20	600	0.25	3	8
1N5241B	11.0	10.45	11.55	22	20	600	0.25	2	8.4
1N5242B	12.0	11.40	12.60	30	20	600	0.25	1	9.1
1N5243B	13.0	12.35	13.65	13	9.5	600	0.25	0.5	9.9
1N5244B	14.0	13.30	14.70	15	9	600	0.25	0.1	10
1N5245B	15.0	14.25	15.75	16	8.5	600	0.25	0.1	11
1N5246B	16.0	15.20	16.80	17	7.8	600	0.25	0.1	12
1N5247B	17.0	16.15	17.85	19	7.4	600	0.25	0.1	13
1N5248B	18.0	17.10	18.90	21	7	600	0.25	0.1	14
1N5249B	19.0	18.05	19.95	23	6.6	600	0.25	0.1	14
1N5250B	20.0	19.00	21.00	25	6.2	600	0.25	0.1	15
1N5251B	22.0	20.90	23.10	29	5.6	600	0.25	0.1	17
1N5252B	24.0	22.80	25.20	33	5.2	600	0.25	0.1	18
1N5253B	25.0	23.75	26.25	35	5	600	0.25	0.1	19
1N5254B	27.0	25.65	28.35	41	4.6	600	0.25	0.1	21
1N5255B	28.0	26.60	29.40	44	4.5	600	0.25	0.1	21
1N5256B	30.0	28.50	31.50	49	4.2	600	0.25	0.1	23
1N5257B	33.0	31.35	34.65	58	3.8	700	0.25	0.1	25
1N5258B	36.0	34.20	37.80	70	3.4	700	0.25	0.1	27
1N5259B	39.0	37.05	40.95	80	3.2	800	0.25	0.1	30
1N5260B	43.0	40.85	45.15	93	3	900	0.25	0.1	33
1N5261B	47.0	44.65	49.35	150	2.7	1000	0.25	0.1	36
1N5262B	51.0	48.45	53.55	125	2.5	1100	0.25	0.1	39
1N5263B	56.0	53.20	58.80	150	2.2	1300	0.25	0.1	43
1N5264B	60.0	57.00	63.00	170	2.1	1400	0.25	0.1	46
1N5265B	62.0	58.90	65.10	185	2	1400	0.25	0.1	47



1N5221B-1N5267B

1N5266B	68.0	64.60	71.40	230	1.8	1600	0.25	0.1	52
1N5267B	75.0	71.25	78.75	270	1.7	1700	0.25	0.1	56