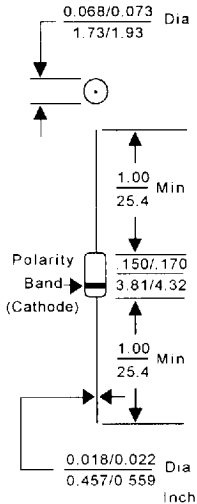


ZENER DIODES, GLASS PACKAGE, GENERAL PURPOSE

500mW	Nominal Zener Voltage	Zener Test	Max Zener Impedance for Suffix A & B		Maximum Reverse Current at 25°C				Typ. Temp Coeff. of Zener Voltage	Package Quantities	Outline
	at I_z	Current	Suffix A & B		A,B,C&D Suffix		No Suffix at V_z of Suffix A				
	JEDEC Part Number	V_z (V)	I_z (mA)	Z_{rz} @ I_z (Ohms)	Z_{rz} @ $I_z = 25\text{mA}$ (Ohms)	V_z (V)	V_z (V)	I_z (uA)	I_z (uA)	%/°C	Bulk/Reel
1N5221	2.4	20	30	1200	0.95	1.0	100	200	-0.085	1000/ 10,000	
1N5222	2.5	20	30	1250	0.95	1.0	100	200	-0.085		
1N5223	2.7	20	30	1300	0.95	1.0	75	150	-0.080		
1N5224	2.8	20	30	1400	0.95	1.0	75	150	-0.080		
1N5225	3.0	20	29	1600	0.95	1.0	50	100	-0.075		
1N5226	3.3	20	28	1600	0.95	1.0	25	100	-0.070		
1N5227	3.6	20	24	1700	0.95	1.0	15	100	-0.065		
1N5228	3.9	20	23	1900	0.95	1.0	10	75	-0.060		
1N5229	4.3	20	22	2000	0.95	1.0	5.0	50	±0.055		
1N5230	4.7	20	19	1900	1.9	2.0	5.0	50	±0.030		
1N5231	5.1	20	17	1800	1.9	2.0	5.0	50	±0.030		
1N5232	5.6	20	11	1600	2.9	3.0	5.0	50	+0.038		
1N5233	6.0	20	7.0	1600	3.3	3.5	5.0	50	+0.038		
1N5234	6.2	20	7.0	1000	3.8	4.0	5.0	50	+0.045		
1N5235	6.8	20	5.0	750	4.8	5.0	3.0	30	+0.050		
1N5236	7.5	20	6.0	500	5.7	6.0	3.0	30	+0.058		
1N5237	8.2	20	8.0	500	6.2	6.5	3.0	30	+0.062		
1N5238	8.7	20	8.0	600	6.2	6.5	3.0	30	+0.065		
1N5239	9.1	20	10	600	6.7	7.0	3.0	30	+0.068		
1N5240	10	20	17	600	7.6	8.0	3.0	30	+0.075		
1N5241	11	20	22	600	8.0	8.4	2.0	30	+0.076		
1N5242	12	20	30	600	8.7	9.1	1.0	10	+0.077		
1N5243	13	9.5	13	600	9.4	9.9	0.5	10	+0.079		
1N5244	14	9.0	15	600	9.5	10	0.1	10	+0.082		
1N5245	15	8.5	16	600	10.5	11	0.1	10	+0.082		
1N5246	16	7.8	17	600	11.4	12	0.1	10	+0.083		
1N5247	17	7.4	19	600	12.4	13	0.1	10	+0.084		
1N5248	18	7.0	21	600	13.3	14	0.1	10	+0.085		
1N5249	19	6.6	23	600	13.3	14	0.1	10	+0.086		
1N5250	20	6.2	25	600	14.3	15	0.1	10	+0.086		
1N5251	22	5.6	29	600	16.2	17	0.1	10	+0.087		
1N5252	24	5.2	33	600	17.1	18	0.1	10	+0.088		
1N5253	25	5.0	35	600	18.1	19	0.1	10	+0.089		
1N5254	27	4.6	41	600	20	21	0.1	10	+0.090		
1N5255	28	4.5	44	600	20	21	0.1	10	+0.091		
1N5256	30	4.2	49	600	22	23	0.1	10	+0.091		
1N5257	33	3.8	58	700	24	25	0.1	10	+0.092		
1N5258	36	3.4	70	700	26	27	0.1	10	+0.093		
1N5259	39	3.2	80	800	29	30	0.1	10	+0.094		
1N5260	43	3.0	93	900	31	33	0.1	10	+0.095		
1N5261	47	2.7	105	1000	34	36	0.1	10	+0.095		
1N5262	51	2.5	125	1100	37	39	0.1	10	+0.096		
1N5263	56	2.2	150	1300	41	43	0.1	10	+0.096		
1N5264	60	2.1	170	1400	44	46	0.1	10	+0.097		
1N5265	62	2.0	185	1400	45	47	0.1	10	+0.097		
1N5266	68	1.8	230	1600	49	52	0.1	10	+0.097		
1N5267	75	1.7	270	1700	53	56	0.1	10	+0.098		
1N5268	82	1.5	330	2000	59	62	0.1	10	+0.098		
1N5269	87	1.4	370	2200	65	68	0.1	10	+0.099		
1N5270	91	1.4	400	2300	66	69	0.1	10	+0.099		
1N5271	100	1.3	500	2600	72	76	0.1	10	+0.110		
1N5272	110	1.1	750	3000	80	84	0.1	10	+0.110		
1N5273	120	1.0	900	4000	86	91	0.1	10	+0.110		
1N5274	130	0.95	1100	4500	94	99	0.1	10	+0.110		
1N5275	140	0.90	1300	4500	101	106	0.1	10	+0.110		
1N5276	150	0.85	1500	5000	108	114	0.1	10	+0.110		
1N5277	160	0.80	1700	5500	116	122	0.1	10	+0.110		
1N5278	170	0.74	1900	5500	123	129	0.1	10	+0.110		
1N5279	180	0.68	2200	6000	130	137	0.1	10	+0.110		
1N5280	190	0.66	2400	6500	137	144	0.1	10	+0.110		
1N5281	200	0.65	2500	7000	144	152	0.1	10	+0.110		

1000/
10,000

FEATURES:

- Zener Voltage: 2.4 to 200 volts
- Hermetically sealed DO-35.

MAXIMUM RATINGS:

- Junction Temperature: -65°C to +200°C
- Storage temperature: -65°C to +200°C
- DC Power Dissipation: 500 mW at $T_A = 75^\circ\text{C}$
- Derate above 75°C : 4.0 mW/°C
- Forward Voltage @ 200 mA: 1.1 volts max.

Standard (B Suffix) Voltage Tolerance is ±5%.

Suffix A = ±10%

Suffix C = ±2%,

Suffix D = ±1%

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Standard (B Suffix) Voltage

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 Suffix A = ±10%
 Suffix C = ±2%
 Suffix D = ±1%