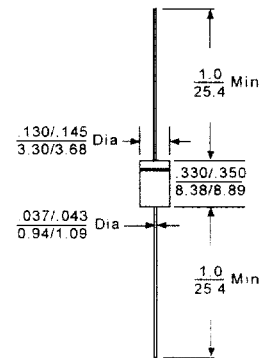


# ZENER DIODES, 5 WATTS, PLASTIC PACKAGE

JEDEC Part Number	Nominal Zener Voltage at I <sub>Z</sub> V <sub>Z</sub> (V)	Zener Test Current I <sub>ZT</sub> (mA)	Suffix A&B		Suffix A,B,C		Maximum Reverse Current at T <sub>a</sub> =25°C			Max Voltage Regulation ΔV/V (%)	Max Zener Current I <sub>ZM</sub> (mA)	Max Surge Current I <sub>ZSM</sub> (mA)	Package Quantity Bulk/Reel	Outline Inches/millimeters
			Maximum Zener Impedance at I <sub>Z</sub> (mA) Z <sub>Z</sub> (Ohms)	Maximum Knee Impedance at I <sub>Z</sub> =1.0mA Z <sub>K</sub> (Ohms)	V <sub>R</sub>									
					Non S A	B,C,D	I <sub>R</sub> (μA)							
1N5333B	3.3	380	3.0	400	1.0	1.0	500	0.85	1440	20.0				
1N5334B	3.6	350	2.5	500	1.0	1.0	150	0.80	1320	18.7				
1N5335B	3.9	320	2.0	500	1.0	1.0	50	0.54	1220	17.6				
1N5336B	4.3	290	2.0	500	1.0	1.0	10	0.49	1100	16.4				
1N5337B	4.7	260	2.0	450	1.0	1.0	5.0	0.44	1010	15.3				
1N5338B	5.1	240	1.5	400	1.0	1.0	1.0	0.39	930	14.4				
1N5339B	5.6	220	1.0	400	2.0	2.0	1.0	0.25	865	13.4				
1N5340B	6.0	200	1.0	300	3.0	3.0	1.0	0.19	790	12.7				
1N5341B	6.2	200	1.0	200	3.0	3.0	1.0	0.10	765	12.4				
1N5342B	6.8	175	1.0	200	4.9	5.2	10	0.15	700	11.5				
1N5343B	7.5	175	1.5	200	5.4	5.7	10	0.15	630	10.7				
1N5344B	8.2	150	1.5	200	5.9	6.2	10	0.20	580	10.0				
1N5345B	8.7	150	2.0	200	6.3	6.6	10	0.20	545	9.5				
1N5346B	9.1	150	2.0	150	6.6	6.9	7.5	0.22	520	9.2				
1N5347B	10	125	2.0	125	7.2	7.6	5.0	0.22	475	8.6				
1N5348B	11	125	2.5	125	8.0	8.4	5.0	0.25	430	8.0				
1N5349B	12	100	2.5	125	8.6	9.1	2.0	0.25	395	7.5				
1N5350B	13	100	2.5	100	9.4	9.9	1.0	0.25	365	7.0				
1N5351B	14	100	2.5	75	10.1	10.6	1.0	0.25	340	6.7				
1N5352B	15	75	2.5	75	10.8	11.5	1.0	0.25	315	6.3				
1N5353B	16	75	2.5	75	11.5	12.2	1.0	0.30	295	6.0				
1N5354B	17	70	2.5	75	12.2	12.9	0.5	0.35	280	5.8				
1N5355B	18	70	2.5	75	13.0	13.7	0.5	0.40	264	5.5				
1N5356B	19	70	3.0	75	13.7	14.4	0.5	0.40	250	5.3				
1N5357B	20	65	3.0	75	14.4	15.2	0.5	0.40	237	5.1				
1N5358B	22	50	3.5	75	15.8	16.7	0.5	0.45	216	4.7				
1N5359B	24	50	3.5	100	17.3	18.2	0.5	0.55	196	4.4				
1N5360B	25	50	4.0	110	18.0	19.0	0.5	0.55	190	4.3				
1N5361B	27	50	5.0	120	19.4	20.6	0.5	0.60	176	4.1				
1N5362B	28	50	6.0	130	20.1	21.2	0.5	0.60	170	3.9				
1N5363B	30	40	8.0	140	21.6	22.8	0.5	0.60	158	3.7				
1N5364B	33	40	10	150	23.8	25.1	0.5	0.60	144	3.5				
1N5365B	36	30	11	160	25.9	27.4	0.5	0.65	132	3.3				
1N5366B	39	30	14	170	28.1	29.7	0.5	0.65	122	3.1				
1N5367B	43	30	20	190	31.0	32.7	0.5	0.70	110	2.8				
1N5368B	47	25	25	210	33.8	35.8	0.5	0.80	100	2.7				
1N5369B	51	25	27	230	36.7	38.8	0.5	0.90	93	2.5				
1N5370B	56	20	35	280	40.3	42.6	0.5	1.00	86	2.3				
1N5371B	60	20	40	350	43.0	45.5	0.5	1.20	79	2.2				
1N5372B	62	20	42	400	44.6	47.1	0.5	1.35	76	2.1				
1N5373B	68	20	44	500	49.0	51.7	0.5	1.50	70	2.0				
1N5374B	75	20	45	620	54.0	56.0	0.5	1.60	63	1/9				
1N5375B	82	15	65	720	59.0	62.2	0.5	1.80	58	1.8				
1N5376B	87	15	75	760	63.0	66.0	0.5	2.00	54.5	1.7				
1N5377B	91	15	75	760	63.5	69.2	0.5	2.20	52.5	1.6				
1N5378B	100	12	90	800	72.0	76.0	0.5	2.30	47.5	1.5				
1N5379B	110	12	125	1000	79.2	83.6	0.5	2.50	43.0	1.4				
1N5380B	120	10	170	1150	84.6	91.2	0.5	2.50	39.5	1.3				
1N5381B	130	10	180	1250	93.6	98.8	0.5	2.50	36.6	1.2				
1N5382B	140	8	250	1500	101	106	0.5	2.50	34.0	1.2				
1N5383B	150	8	330	1500	108	114	0.5	3.00	31.6	1.1				
1N5384B	160	8	350	1650	115	122	0.5	3.00	29.4	1.1				
1N5385B	170	8	360	1750	122	129	0.5	3.00	28.0	1.0				
1N5386B	180	5	430	1750	130	137	0.5	4.00	26.4	1.0				
1N5387B	190	5	450	1850	137	144	0.5	5.00	25.0	0.9				
1N5388B	200	5	480	1850	144	152	0.5	5.00	23.6	0.9				



**DO-201AE**

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- FEATURES:**
- Zener Voltage: 2.4 to 200 volts
  - Void free, transfer molded DO-201AE package

- MAXIMUM RATINGS:**
- Junction Temperature: -65°C to +200°C
  - Storage temperature: -65°C to +200°C
  - DC Power Dissipation: 5.0 watts at T<sub>a</sub>=75°C
  - Derate above 75°C: 40 mW/°C
  - Forward Voltage @ 1.0 amps 1.2 volts max.

Standard (B Suffix) Voltage Tolerance is ±5%.  
 No Suffix = ±20%  
 Suffix A = ±10%  
 Suffix C = ±2%  
 Suffix D = ±1%