

The plastic material carries UL recognition 94V-O.

1N5345B Series. Zener Diodes in Plastic Case, DO-301 AE, ($T_A = 25^\circ\text{C}$), Outline: 4

Type	Nominal ⁽¹⁾ Zener Voltage V_Z at I_{ZT}	Test Current I_{ZT}	Maximum Zener Impedance for A & B Suffix only			Maximum Reverse Leakage Current Test Voltage Suffix A & non Suffix			Max. Surge Current 8.3 ms. I_{ZS}	Maximum Regulator Current I_{ZM}
	(V)	(mA)	Z_{ZT} at I_{ZT}	Z_{ZK} at I_{ZK}	I_{ZK}	I_R	(V)	Suffix B (V)	(A)	(mA)
1N5345B	8.7	150	2.0	200	1	10.0	6.3	6.6	9.5	545
1N5346B	9.1	150	2.0	150	1	7.5	6.6	6.9	9.2	520
1N5347B	10	125	2.0	125	1	5.0	7.2	7.6	8.6	475
1N5348B	11	125	2.5	125	1	5.0	8.0	8.4	8.0	430
1N5349B	12	100	2.5	125	1	2.0	8.6	9.1	7.5	395
1N5350B	13	100	2.5	100	1	1.0	9.4	9.9	7.0	365
1N5351B	14	100	2.5	75	1	1.0	10.1	10.6	6.7	340
1N5352B	15	75	2.5	75	1	1.0	10.8	11.5	6.3	315
1N5353B	16	75	2.5	75	1	1.0	11.5	12.2	6.0	295
1N5354B	17	70	2.5	75	1	0.5	12.2	12.9	5.8	280
1N5355B	18	65	2.5	75	1	0.5	13.0	13.7	5.5	264
1N5356B	19	65	3.0	75	1	0.5	13.7	14.4	5.3	250
1N5357B	20	65	3.0	75	1	0.5	14.4	15.2	5.1	237
1N5358B	22	50	3.5	75	1	0.5	15.8	16.7	4.7	216
1N5359B	24	50	3.5	100	1	0.5	17.3	18.2	4.4	198
1N5360B	25	50	4.0	110	1	0.5	18.0	19.0	4.3	190
1N5361B	27	50	5.0	120	1	0.5	19.4	20.6	4.1	176
1N5362B	28	50	6.0	130	1	0.5	20.1	21.2	3.9	170
1N5363B	30	40	8.0	140	1	0.5	21.6	22.8	3.7	158
1N5364B	33	40	10.0	150	1	0.5	23.8	25.1	3.5	144
1N5365B	36	30	11.0	160	1	0.5	25.9	27.4	3.3	132
1N5366B	39	30	14.0	170	1	0.5	28.1	29.7	3.1	122
1N5367B	43	30	20.0	190	1	0.5	31.0	32.7	2.8	110
1N5368B	47	25	25.0	210	1	0.5	33.8	35.8	2.7	100
1N5369B	51	25	27.0	230	1	0.5	36.7	38.8	2.5	93
1N5370B	56	20	35.0	280	1	0.5	40.3	42.6	2.3	86
1N5371B	60	20	40.0	350	1	0.5	43.0	45.5	2.2	79
1N5372B	62	20	42.0	400	1	0.5	44.6	47.1	2.1	76
1N5373B	68	20	44.0	500	1	0.5	49.0	51.7	2.0	70
1N5374B	75	20	45.0	620	1	5.0	54.0	56.0	1.9	63
1N5375B	82	15	65.0	720	1	0.5	59.0	62.2	1.8	58
1N5376B	87	15	75.0	760	1	0.5	63.0	66.0	1.7	54.5
1N5377B	91	15	75.0	760	1	0.5	65.5	69.2	1.6	52.5
1N5378B	100	12	90.0	800	1	0.5	72.0	76.0	1.5	47.5
1N5379B	110	12	125.0	1000	1	0.5	79.2	83.6	1.4	43
1N5380B	120	10	170.0	1150	1	0.5	86.4	91.2	1.3	39.5
1N5381B	130	10	190.0	1250	1	0.5	93.6	98.8	1.2	36.5
1N5382B	140	8	230.0	1500	1	0.5	101.0	106.0	1.2	34
1N5383B	150	8	330.0	1500	1	0.5	108.0	114.0	1.1	31.6
1N5384B	160	8	350.0	1650	1	0.5	115.0	122.0	1.1	29.4
1N5385B	170	8	380.0	1750	1	0.5	122.0	129.0	1.0	28
1N5386B	180	5	430.0	1750	1	0.5	130.0	137.0	1.0	26.4
1N5387B	190	5	450.0	1850	1	0.5	137.0	144.0	0.9	25
1N5388B	200	5	480.0	1850	1	0.5	144.0	152.0	0.9	23.6

Standard Voltage Tolerance is $\pm 5\%$.

Other Tolerance Non-Standard Zener Voltages Upon Request.

(1) Tested with pulses.

Pulse test: $t_p \leq 50 \text{ ms}$; $\delta < 2\%$.