

# DO-35 Standard Zener Diodes (500 mW)

**Electrical Characteristics (At Ta=25°C, Unless Otherwise Specified)**

Type No.	V <sub>ZT</sub> at I <sub>ZT</sub> *	r <sub>ZT</sub> at I <sub>ZT</sub>	I <sub>ZT</sub> *	r <sub>ZK</sub> at I <sub>ZK</sub>	I <sub>ZK</sub>	Temp. Coeff. of Zener Voltage (%/°C)	I <sub>R</sub> at V <sub>R</sub> Ta 25°C max (μA)	V <sub>R</sub>	I <sub>ZM</sub> Ta 75 °C	I <sub>ZSM</sub> **	V <sub>F</sub> max (V)	@ I <sub>F</sub> (mA)	P <sub>D</sub> (W)
	nom (V)	max (Ohm)	(mA)	max (Ohm)	(mA)			(V)	(mA)	(mA)			
1N5223B	2.7	30	20	1300	0.25	-0.08	75	1.0	168	1764	1.1	200	0.5
1N5224B	2.8	30	20	1400	0.25	-0.08	75	1.0	162	1701	1.1	200	0.5
1N5225B	3.0	29	20	1600	0.25	-0.075	50	1.0	151	1587	1.1	200	0.5
1N5226B	3.3	28	20	1600	0.25	-0.07	25	1.0	138	1443	1.1	200	0.5
1N5227B	3.6	24	20	1700	0.25	-0.065	15	1.0	126	1323	1.1	200	0.5
1N5228B	3.9	23	20	1900	0.25	-0.06	10	1.0	115	1221	1.1	200	0.5
1N5229B	4.3	22	20	2000	0.25	±0.055	5	1.0	106	1107	1.1	200	0.5
1N5230B	4.7	19	20	1900	0.25	±0.03	5	2.0	97	1013	1.1	200	0.5
1N5231B	5.1	17	20	1600	0.25	±0.03	5	2.0	89	934	1.1	200	0.5
1N5232B	5.6	11	20	1600	0.25	+0.038	5	3.0	81	850	1.1	200	0.5
1N5233B	6.0	7.0	20	1600	0.25	+0.038	5	3.5	76	794	1.1	200	0.5
1N5234B	6.2	7.0	20	1000	0.25	+0.045	5	4.0	73	768	1.1	200	0.5
1N5235B	6.8	5.0	20	750	0.25	+0.05	3	5.0	67	700	1.1	200	0.5
1N5236B	7.5	6.0	20	500	0.25	+0.058	3	6.0	61	635	1.1	200	0.5
1N5237B	8.2	8.0	20	500	0.25	+0.062	2	6.5	55	581	1.1	200	0.5
1N5238B	8.7	8.0	20	600	0.25	+0.065	3	6.5	52	547	1.1	200	0.5
1N5239B	9.1	10	20	600	0.25	+0.068	3	7.0	50	523	1.1	200	0.5
1N5240B	10	17	20	600	0.25	+0.075	3	8.0	45	476	1.1	200	0.5
1N5241B	11	22	20	600	0.25	+0.076	2	8.4	41	433	1.1	200	0.5
1N5242B	12	30	20	600	0.25	+0.077	1	9.1	38	397	1.1	200	0.5
1N5243B	13	13	9.5	600	0.25	+0.079	0.5	9.9	35	397	1.1	200	0.5
1N5244B	14	15	9.0	600	0.25	+0.082	0.1	10	32	340	1.1	200	0.5
1N5245B	15	16	8.5	600	0.25	+0.082	0.1	11	30	317	1.1	200	0.5
1N5246B	16	17	7.8	600	0.25	+0.083	0.1	12	28	298	1.1	200	0.5
1N5247B	17	19	7.4	600	0.25	+0.084	0.1	13	27	280	1.1	200	0.5
1N5248B	18	21	7.0	600	0.25	+0.085	0.1	14	25	265	1.1	200	0.5
1N5249B	19	23	6.6	600	0.25	+0.086	0.1	14	24	251	1.1	200	0.5
1N5250B	20	25	6.2	600	0.25	+0.086	0.1	15	23	238	1.1	200	0.5