

DO-35 Standard Zener Diodes (500 mW)

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

Type No.	V _{ZT} at I _{ZT} *	r _{ZT} at I _{ZT}	I _{ZT} *	r _{ZK} at I _{ZK}	I _{ZK}	Temp. Coeff. of Zener Voltage (%/°C)	I _R at V _R Ta 25°C max (μA)	V _R	I _{ZM} Ta 75 °C	I _{ZSM} **	V _F max	@ I _F	P _D
	nom (V)	max (Ohm)	(mA)	max (Ohm)	(mA)			(V)	(mA)	(mA)	(V)	(mA)	(W)
1N5251B	22	29	5.6	600	0.25	+0.087	0.1	17	21	216	1.1	200	0.5
1N5252B	24	33	5.2	600	0.25	+0.088	0.1	18	19.1	198	1.1	200	0.5
1N5253B	25	35	5.0	600	0.25	+0.089	0.1	19	18.2	190	1.1	200	0.5
1N5254B	27	41	4.6	600	0.25	+0.09	0.1	21	16.8	176	1.1	200	0.5
1N5255B	28	44	4.5	600	0.25	+0.091	0.1	21	16.2	170	1.1	200	0.5
1N5256B	30	49	4.2	600	0.25	+0.091	0.1	23	15.1	159	1.1	200	0.5
1N5257B	33	58	3.8	700	0.25	+0.092	0.1	25	13.8	144	1.1	200	0.5
1N5258B	36	70	3.4	700	0.25	+0.093	0.1	27	12.6	132	1.1	200	0.5
1N5259B	39	80	3.2	800	0.25	+0.094	0.1	30	11.5	122	1.1	200	0.5
1N5260B	43	93	3.0	900	0.25	+0.095	0.1	33	10.6	111	1.1	200	0.5
1N5261B	47	105	2.7	1000	0.25	+0.095	0.1	36	9.7	101	1.1	200	0.5
1N5262B	51	125	2.5	1100	0.25	+0.096	0.1	39	8.9	93	1.1	200	0.5

* Measure under thermal equilibrium and DC current test conditions.

** Rectangular waveform (t_p = 10 ms)

Tolerance on nominal V_{ZT} value: ±5%.