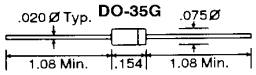
LEADED (THRU-HOLE)
Zener Diodes

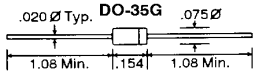
400mW GLASS BODY ZENER DIODE — Operating Temperature: -65°C to 150°C

RF Part Number	Cross Refernce	Nominal Zener Voltage @IZT	Test Current	Max Zener Impedance	Max Reverse Leakage V_R=1V		Max DC Zener Current	Max Temperature Coefficient	Package	Outline (Max in inches)
				@I_{ZT}	T_A=25°C	T_A=150°C				
		V_Z(V)	I_{ZT}(mA)	Z_{ZT}(Ω)	I_R(µA)	I_R(µA)	I_{ZM}(mA)	(α_{VZ})	Bulk/Reel	
1N746A	1N5226B	3.3	20	28	10.0	30	110	-0.07	1000/10000	
1N747A	1N5227B	3.6	20	24	10.0	30	100	-0.065	1000/10000	
1N748A	1N5228B	3.9	20	23	10.0	30	95	-0.06	1000/10000	
1N749A	1N5229B	4.3	20	22	2.0	30	85	-0.055	1000/10000	
1N750A	1N5230B	4.7	20	19	2.0	30	75	-0.03	1000/10000	
1N751A	1N5231B	5.1	20	17	1.0	20	70	0.03	1000/10000	
1N752A	1N5232B	5.6	20	11	1.0	20	65	0.038	1000/10000	
1N753A	1N5234B	6.2	20	7	0.1	20	65	0.045	1000/10000	
1N754A	1N5235B	6.8	20	5	0.1	20	55	0.05	1000/10000	
1N755A	1N5236B	7.5	20	6	0.1	20	50	0.058	1000/10000	
1N756A	1N5237B	8.2	20	8	0.1	20	45	0.062	1000/10000	
1N757A	1N5239B	9.1	20	10	0.1	20	40	0.068	1000/10000	
1N758A	1N5240B	10.0	20	17	0.1	20	35	0.075	1000/10000	
1N759A	1N5242B	12.0	20	30	0.1	20	30	0.077	1000/10000	



400mW GLASS BODY ZENER DIODE — Operating Temperature: -65°C to 150°C

RF Part Number	Cross Refernce	Nominal Zener Voltage @IZT	Test Current	Max Zener Impedance @I_{ZT}	Max Zener Impedance @I_{ZT}	Test Current	Max Temperature Coefficient	Max Reverse Lkg Current @ V_R	Test Voltage	Max Zener Current I_{ZM} at C	Package	Outline (Max in inches)
		V_Z(V)	I_{ZT}(mA)	Z_{ZT}(Ω)	Z_{ZK}(Ω)	I_{ZK}(mA)	(α_{VZ})	I_R(µA)	V_R(V)	(V)	Bulk/Reel	
1N964B	1N5243B	13	9.5	13	700	0.25	0.079	5	9.9	24	1000/10000	
1N965B	1N5245B	15	8.5	16	700	0.25	0.082	5	11.4	21	1000/10000	
1N966B	1N5246B	16	7.8	17	700	0.25	0.083	5	12.2	19	1000/10000	
1N967B	1N5248B	18	7	21	750	0.25	0.085	5	13.7	17	1000/10000	
1N968B	1N5250B	20	6.2	25	750	0.25	0.086	5	15.2	15	1000/10000	
1N969B	1N5251B	22	5.6	29	750	0.25	0.087	5	16.7	14	1000/10000	
1N970B	1N5252B	24	5.2	33	750	0.25	0.088	5	18.2	13	1000/10000	
1N971B	1N5254B	27	4.6	41	750	0.25	0.09	5	20.6	11	1000/10000	
1N972B	1N5256B	30	4.2	49	1000	0.25	0.091	5	22.8	10	1000/10000	
1N973B	1N5257B	33	3.8	58	1000	0.25	0.092	5	25.1	9	1000/10000	
1N974B	1N5258B	36	3.4	70	1000	0.25	0.093	5	27.4		1000/10000	
1N975B	1N5259B	39	3.2	80	1000	0.25	0.094	5	29.7		1000/10000	
1N976B	1N5260B	43	3	93	1500	0.25	0.095	5	32.7		1000/10000	
1N977B	1N5261B	47	2.7	105	1500	0.25	0.095	5	35.8		1000/10000	
1N978B	1N5262B	51	2.5	125	1500	0.25	0.096	5	38.8		1000/10000	



Datasheet Directory

500mW GLASS BODY ZENER DIODE — Operating Temperature: -65°C to 150°C

RF Part Number	Cross Refernce	Nominal Zener Voltage @IZT	Test Current	Max Zener Impedance @I_{ZT}	Max Zener Impedance @I_{ZT}	Max Zener Voltage Temp. Coefficient	Max Reverse Lkg Current @ V_R	Test Voltage	Max Zener Current I_{ZM} at C	Package	Outline (Max in inches)
		V_Z(V)	I_{ZT}(mA)	Z_{ZT}(Ω)	Z_{ZK}(Ω)	α_{VZ}(%°C)	I_R(µA)	V_R(V)	(V)	Bulk/Reel	
1N5221B		2.4	20	30	1200	-0.085	100.0	1.0	191	1000/10000	
1N5222B		2.5	20	30	1250	-0.085	100.0	1.0	182	1000/10000	
1N5223B		2.7	20	30	1300	-0.080	75.0	1.0	168	1000/10000	
1N5224B		2.8	20	30	1400	-0.080	75.0	1.0	162	1000/10000	
1N5225B		3.0	20	29	1600	-0.075	50.0	1.0	151	1000/10000	
1N5226B		3.3	20	28	1600	-0.070	25.0	1.0	138	1000/10000	
1N5227B		3.6	20	24	1700	-0.065	15.0	1.0	126	1000/10000	
1N5228B		3.9	20	23	1900	-0.060	10.0	1.0	115	1000/10000	
1N5229B		4.3	20	22	2000	-0.055	5.0	1.0	106	1000/10000	
1N5230B		4.7	20	19	1900	-0.030	5.0	2.0	97	1000/10000	
1N5231B		5.1	20	17	1600	+0.030	5.0	2.0	89	1000/10000	
1N5232B		5.6	20	11	1600	+0.038	5.0	3.0	81	1000/10000	
1N5233B		6.0	20	7	1600	+0.038	5.0	3.5	76	1000/10000	
1N5234B		6.2	20	7	1000	+0.045	5.0	4.0	73	1000/10000	
1N5235B		6.8	20	5	750	+0.050	3.0	5.0	67	1000/10000	
1N5236B		7.5	20	6	500	+0.058	3.0	6.0	61	1000/10000	
1N5237B		8.2	20	8	500	+0.062	3.0	6.5	55	1000/10000	
1N5238B		8.7	20	8	600	+0.065	3.0	6.5	52	1000/10000	
1N5239B		9.1	20	10	600	+0.068	3.0	7.0	50	1000/10000	
1N5240B		10.0	20	17	600	+0.075	3.0	8.0	45	1000/10000	
1N5241B		11.0	20	22	600	+0.076	3.0	8.4	41	1000/10000	
1N5242B		12	20	30	600	+0.077	1.0	9.1	38	1000/10000	
1N5243B		13	9.5	13	600	+0.079	0.5	9.9	35	1000/10000	
1N5244B		14	9	15	600	+0.082	0.1	10	32	1000/10000	
1N5245B		15	8.5	16	600	+0.082	0.1	11	30	1000/10000	
1N5246B		16	7.8	17	600	+0.083	0.1	12	28	1000/10000	
1N5247B		17	7.4	19	600	+0.084	0.1	13	27	1000/10000	
1N5248B		18	7	21	600	+0.085	0.1	14	25	1000/10000	
1N5249B		19	6.6	23	600	+0.085	0.1	14	24	1000/10000	
1N5250B		20	6.2	25	600	+0.086	0.1	15	23	1000/10000	
1N5251B		22	5.6	29	600	+0.087	0.1	17	21.2	1000/10000	
1N5252B		24	5.2	33	600	+0.088	0.1	18	19.1	1000/10000	
1N5253B		25	5	35	600	+0.089	0.1	19	18.2	1000/10000	
1N5254B		27	4.6	41	600	+0.090	0.1	21	16.8	1000/10000	
1N5255B		28	4.5	44	600	+0.091	0.1	21	16.2	1000/10000	
1N5256B		30	4.2	49	600	+0.091	0.1	23	15.1	1000/10000	
1N5257B		33	3.8	58	700	+0.092	0.1	25	13.8	1000/10000	
1N5258B		36	3.4	70	700	+0.093	0.1	27	12.6	1000/10000	
1N5259B		39	3.2	80	800	+0.094	0.1	30	11.5	1000/10000	
1N5260B		43	3	93	900	+0.095	0.1	33	10.6	1000/10000	
1N5261B		47	2.7	150	1000	+0.095	0.1	36	9.7	1000/10000	
1N5262B		51	2.5	125	1100	+0.096	0.1	39	8.9	1000/10000	
1N5263B		56	2.2	150	1300	+0.096	0.1	43	8.1	1000/10000