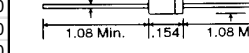


LEADED (THRU-HOLE) Zener Diodes

400mW GLASS BODY ZENER DIODE

Operating Temperature: -65°C to 150°C

Operating Temperature: 55°C to 150°C										
RF Part Number	Cross Reference	Nominal Zener	Test Current	Max Zener Impedance	Max Reverse Leakage V _R = 1V		Max DC Zener Current	Max Temperature Coefficient	Package	Outline (Max in inches)
		Voltage @I _{ZT}		@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

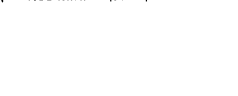
Operating Temperature: -55°C to 150°C												Outline (Max in inches)
RF Part Number	Cross Reference	Nominal Zener	Test Current	Max Zener Impedance	Max Zener Impedance	Test Current	Max Temperature Coefficient	Max Reverse Lkg Current	Test Voltage	Max Zener Current	Package	
		Voltage @ I _{ZT}		@ I _{ZT}	@ I _{ZT}			@ V _R		I _{ZM} at C		
		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	

DO-35G

.020 Ø Typ. .075 Ø
1.08 Min. .154 1.08 Min.

500mW GLASS BODY ZENER DIODE

Operating Temperature: -65°C to 150°C

RF Part Number	Cross Reference	Nominal Zener Voltage @ I _{ZT}	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 _{VT} (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	