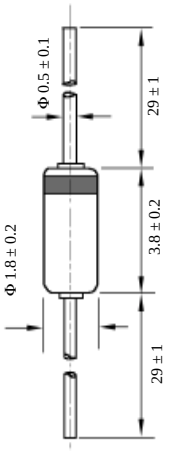
1N52 SERIES ZENER DIODES

1N52 系列稳压二极管
1N52 SERIES ZENER DIODES

1N5221B Through 1N5272B ELECTRICAL CHARACTERISTICS 电性参数
(T_A=25°C)unless otherwise noted.Based on dc measurements at thermal equillibrium;lead length=3/8";thermal resistance of heat sink=30°C/W V_{Fmax}=1.1V @ I_F=200mA for all types(T_A= 25°C 所有型号 V_{Fmax}=1.1V@ I_F=200mA 。其它特别说明除外。)

型 号 TYPE	稳压值 Nominal Zener Voltage Vz@L_{ZT} Volts	测试电流 Test Current I_{ZT} mA	最大动态阻抗 Max Zener Impedance A and B Sufflx only		漏电流 Max Reverse Leakage Current		温度系数 Max Zener Voltege Temperature Coff (A amd Bsuffix only) VZ(%/°C)	外型尺寸 Package Dimensions
			Z_{ZT}@I_{ZT} Ohms	Z_{ZK}@I_{ZK} = 0.25mA Ohms	I_R µA	V_R Volts B		
1N5221B	2.4		30	1200	100		-0.085	
1N5222B	2.5		30	1250	100		-0.085	
1N5223B	2.7	20	30	1300	75	1.0	-0.08	
1N5224B	2.8		30	1400	75		-0.08	
1N5225B	3.0		29	1600	50		-0.075	
1N5226B	3.3		28	1600	25	1.0	-0.07	
1N5227B	3.6		24	1700	15	1.0	-0.065	
1N5228B	3.9	20	23	1900	10	1.0	-0.06	
1N5229B	4.3		22	2000	5.0	1.0	±0.055	
1N5230B	4.7		19	1900	5.0	2.0	±0.03	
1N5231B	5.1		17	1600	5.0	2.0	±0.03	
1N5232B	5.6		11	1600	5.0	3.0	+0.038	
1N5233B	6.0	20	7.0	1600	5.0	3.5	+0.038	
1N5234B	6.2		7.0	1000	5.0	4.0	+0.045	
1N5235B	6.8		5.0	750	3.0	5.0	+0.05	
1N5236B	7.5		6.0	500		6.0	+0.058	
1N5237B	8.2		8.0	500		6.5	+0.062	
1N5238B	8.7	20	8.0	600	3.0	6.5	+0.065	
1N5239B	9.1		10	600		7.0	+0.068	
1N5240B	10		17	600		8.0	+0.075	
1N5241B	11	20	22		2.0	8.4	+0.076	
1N5242B	12	20	30		1.0	9.1	+0.077	
1N5243B	13	9.5	13	600	0.5	9.9	+0.079	
1N5244B	14	9.0	15		0.1	10	+0.082	
1N5245B	15	8.5	16		0.1	11	+0.082	
1N5246B	16	7.8	17			12	+0.083	
1N5247B	17	7.4	19			13	+0.084	
1N5248B	18	7.0	21	600	0.1	14	+0.085	
1N5249B	19	6.6	23			14	+0.086	
1N5250B	20	6.2	25			15	+0.086	
1N5251B	22	5.6	29			17	+0.087	
1N5252B	24	5.2	33			18	+0.088	
1N5253B	25	5.0	35	600	0.1	19	+0.089	
1N5254B	27	4.6	41			21	+0.090	
1N5255B	28	4.5	44			21	+0.091	



DO-35
(mm)

NOTE: The V_Z value shown is the center value with tolerance designations as follows:
suffix B: V_Z ± 5%
suffix C: V_Z ± 2%
suffix D: V_Z ± 1%

注：Vz 为稳压中心值，其中 B 档 Vz 容差 ± 5%
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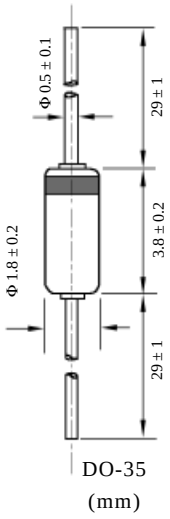
			Z_{ZT}@I_{ZT} Ohms	Z_{ZK}@I_{ZK} = 0.25mA Ohms	I_R µA	V_R Volts B		
1N5256B	30	4.2	49	600		23	+0.091	
1N5257B	33	3.8	58	700		25	+0.092	
1N5258B	36	3.4	70	700	0.1	27	+0.093	
1N5259B	39	3.2	80	800		30	+0.094	
1N5260B	43	3.0	93	900		33	+0.095	
1N5261B	47	2.7	105	1000		36	+0.095	
1N5262B	51	2.5	125	1100		39	+0.096	
1N5263B	56	2.2	150	1300	0.1	43	+0.096	
1N5264B	60	2.1	170	1400		46	+0.097	
1N5265B	62	2.0	185	1400		47	+0.097	
1N5266B	68	1.8	230	1600		52	+0.097	
1N5267B	75	1.7	270	1700		56	+0.098	
1N5268B	82	1.5	330	2000	0.1	62	+0.098	
1N5269B	87	1.4	370	2200		68	+0.099	
1N5270B	91	1.4	400	2300		69	+0.099	
1N5271B	100	1.3	500	2600		76	+0.110	
1N5272B	110	1.1	750	3000	0.1	84	+0.110	



DO-35
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