

ZENER DIODES, GLASS PACKAGE, LOW CURRENT

250mW JEDEC Part Number	Nominal Zener Voltage at I_z	Zener Test Current	Maximum Voltage Regulation	Maximum Reverse Leakage Current at $T_A = 25^\circ\text{C}$		Maximum Zener Current	Package Quantities	Outline
	V_z (Volts)	I_z (μA)	ΔV_z (Volts)	V_z (Volts)	I_z (μA)	I_{z_m} (mA)	Bulk/Reel	Inches/millimeters
1N4678	1.8	50	0.70	1.0	7.5	120.0	1000/ 10,000	<p>DO-35</p> <p>FEATURES:</p> <ul style="list-style-type: none"> Zener Voltage: 1.8 to 43.0 volts Hermetically sealed glass package Especially suited for low current operation at 50 μA <p>MAXIMUM RATINGS:</p> <ul style="list-style-type: none"> Junction Temperature: -65°C to $+200^\circ\text{C}$ Storage temperature: -65°C to $+175^\circ\text{C}$ DC Power Dissipation: 250 mW at $T_A = 50^\circ\text{C}$ Derate above 50°C: 1.66 mW/$^\circ\text{C}$ Forward Voltage at 100 mA: 1.5 volts max. <p>Tolerance Designation:</p> <ul style="list-style-type: none"> No Suffix = $\pm 5\%$ Suffix C = $\pm 2\%$ Suffix D = $\pm 1\%$
1N4679	2.0		0.70	1.0	5.0	110.0		
1N4680	2.2		0.70	1.0	4.0	100.0		
1N4681	2.4		0.80	1.0	2.0	95.0		
1N4682	2.7		0.85	1.0	1.0	90.0		
1N4683	3.0		0.90	1.0	0.8	85.0		
1N4684	3.3		0.95	1.5	7.5	80.0		
1N4685	3.6		0.95	2.0	7.5	75.0		
1N4686	3.9		0.97	2.0	5.0	70.0		
1N4687	4.3		0.99	2.0	4.0	65.0		
1N4688	4.7		0.99	3.0	10.0	60.0		
1N4689	5.1		0.97	3.0	10.0	55.0		
1N4690	5.6		0.96	4.0	10.0	50.0		
1N4691	6.2		0.95	5.0	10.0	45.0		
1N4692	6.8		0.90	5.1	10.0	35.0		
1N4693	7.5		0.75	5.7	10.0	31.8		
1N4694	8.2		0.50	6.2	1.0	29.0		
1N4695	8.7		0.10	6.6	1.0	27.4		
1N4696	9.1		0.08	6.9	1.0	26.2		
1N4697	10.0		0.10	7.6	1.0	24.8		
1N4698	11.0		0.11	8.4	0.05	21.6		
1N4699	12.0		0.12	9.1	0.05	20.4		
1N4700	13.0		0.13	9.8	0.05	19.0		
1N4701	14.0		0.14	10.6	0.05	17.5		
1N4702	15.0		0.15	11.4	0.05	16.3		
1N4703	16.0		0.16	12.1	0.05	15.4		
1N4704	17.0		0.17	12.9	0.05	14.5		
1N4705	18.0		0.18	13.6	0.05	13.2		
1N4706	19.0		0.19	14.4	0.05	12.5		
1N4707	20.0		0.20	15.2	0.01	11.9		
1N4708	22.0		0.22	16.7	0.01	10.8		
1N4709	24.0		0.24	18.2	0.01	9.9		
1N4710	26.0		0.25	19.0	0.01	9.5		
1N4711	27.0		0.27	20.4	0.01	8.8		
1N4712	28.0		0.28	21.2	0.01	8.5		
1N4713	30.0		0.30	22.8	0.01	7.9		
1N4714	33.0		0.33	25.0	0.01	7.2		
1N4715	36.0		0.36	27.3	0.01	6.6		
1N4716	39.0		0.39	29.6	0.01	6.1		
1N4717	43.0		0.43	32.6	0.01	5.6		