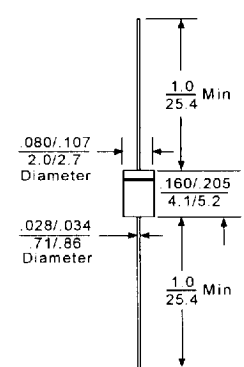


ZENER DIODES, GLASS PACKAGE, GENERAL PURPOSE

1 Watt JEDEC Part Number	Nominal Zener Voltage at I_z V_z (V)	Zener Test Current I_z (µA)	Maximum Zener Impedance Z_{z1} at I_z (Ohms)	Maximum Knee Impedance		Maximum Reverse Current at $T_j = 25^\circ\text{C}$		Maximum Zener Current I_{z1} (mA)	Maximum Surge Current I_{z2} (mA)	Package Quantities Bulk/Reel	Outline Inches/millimeters
				I_z	Z_{z1} at I_z	V_r (V)	I_r (µA)				
				(mA)	(Ohms)						
1N4728A	3.3	76	10	1.0	400	1.0	100	276	1380	 <p>DO-41</p> <p>FEATURES:</p> <ul style="list-style-type: none"> Zener Voltage: 3.3 to 100 volts Hermetically sealed DO-41. <p>MAXIMUM RATINGS:</p> <ul style="list-style-type: none"> Junction Temperature: -65°C to $+200^\circ\text{C}$ Storage temperature: -65°C to $+200^\circ\text{C}$ DC Power Dissipation: 1.0 Watt at $T_j = 100^\circ\text{C}$ Derate above 100°C: $10.0 \text{ mW}/^\circ\text{C}$ Forward Voltage @ 200 mA: 1.2 volts max. <p>Suffix To Part Number Indicates Tolerance of nominal V_z</p> <ul style="list-style-type: none"> No Suffix = $\pm 10\%$ Suffix A = $\pm 5\%$ Suffix B = $\pm 2\%$ Suffix D = $\pm 1\%$ 	
1N4729A	3.6	69	10	1.0	400	1.0	100	252	1260		
1N4730A	3.9	64	9.0	1.0	400	1.0	50	234	1190		
1N4731A	4.3	58	9.0	1.0	400	1.0	10	217	1070		
1N4732A	4.7	53	8.0	1.0	500	1.0	10	193	970		
1N4733A	5.1	49	7.0	1.0	550	1.0	10	178	890		
1N4734A	5.6	45	5.0	1.0	600	2.0	10	162	810		
1N4735A	6.2	41	2.0	1.0	700	3.0	10	146	730		
1N4736A	6.8	37	3.5	1.0	700	4.0	10	133	660		
1N4737A	7.5	34	4.0	0.5	700	5.0	10	121	605		
1N4738A	8.2	31	4.5	0.5	700	6.0	5.0	110	550		
1N4739A	9.1	28	5.0	0.5	700	7.0	5.0	100	500		
1N4740A	10	25	7.0	0.25	700	7.6	5.0	91	454		
1N4741A	11	23	8.0	0.25	700	8.4	5.0	83	414		
1N4742A	12	21	9.0	0.25	700	9.1	5.0	76	380		
1N4743A	13	19	10	0.25	700	9.0	5.0	69	344		
1N4744A	15	17	14	0.25	700	11.4	5.0	61	304		
1N4745A	16	15.5	16	0.25	700	12.2	5.0	57	285		
1N4746A	18	14.0	20	0.25	750	13.7	5.0	50	250		
1N4747A	20	12.5	22	0.25	750	15.2	5.0	45	225		
1N4748A	22	11.5	23	0.25	750	16.7	5.0	41	205		
1N4749A	24	10.5	25	0.25	750	18.2	5.0	38	190		
1N4750A	27	9.5	35	0.25	750	20.6	5.0	34	170		
1N4751A	30	8.5	40	0.25	1000	22.8	5.0	30	150		
1N4752A	33	7.5	45	0.25	1000	25.1	5.0	27	135		
1N4753A	36	7.0	50	0.25	1000	27.4	5.0	25	125		
1N4754A	39	6.5	60	0.25	1000	29.7	5.0	23	115		
1N4755A	43	6.0	70	0.25	1500	32.7	5.0	22	110		
1N4756A	47	5.5	80	0.25	1500	35.8	5.0	19	95		
1N4757A	51	5.0	95	0.25	1500	38.8	5.0	18	90		
1N4758A	56	4.5	110	0.25	2000	42.6	5.0	16	80		
1N4759A	62	4.0	125	0.25	2000	47.1	5.0	14	70		
1N4760A	68	3.7	150	0.25	2000	51.7	5.0	13	65		
1N4761A	75	3.3	175	0.25	2000	56.0	5.0	12	60		
1N4762A	82	3.0	200	0.25	3000	62.0	5.0	11	55		
1N4763A	91	2.8	250	0.25	3000	69.2	5.0	10	50		
1N4764A	100	2.5	350	0.25	3000	76.0	5.0	9	45		