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Zener Diodes

Operating Temperature: -55°C to 150°C

400 mW	Cross-Reference	Nominal Zn. Vltg. @I <sub>Z</sub>	Test Current	Maximum Zener Impedance	Reverse Current	I <sub>R</sub> Test Voltage	Maximum Regulator Current	Temperature Coefficient	Package	Outline (Max. in Inches)
Part No.										
1N5728B	-	4.7	10.0	70	3.0	2	70	-1.0	1000/10000	
1N5729B	-	5.1		50	3.0	2	65	-0.2		
1N5730B	-	5.6		25	3.0	2	60	+1.2		
1N5731B	-	6.2		10	3.0	4	55	+2.3		
1N5732B	-	6.8		10	3.0	4	50	+3.0		
1N5733B	-	7.5		10	2.0	5	45	+4.0		
1N5734B	-	8.2		15	1.0	5	40	+5.0		
1N5735B	-	9.1		15	0.5	6	40	+6.0		
1N5736B	-	10.0		20	0.2	7	35	+7.0		
1N5737B	-	11.0	5.0	20	0.1	8	30	+8.0		
1N5738B	-	12.0		25		8	30	+9.0		
1N5739B	-	13.0		30		9	25	+10.5		
1N5740B	-	15.0		30		10	25	+12.9		
1N5741B	-	16.0		40		11	20	+13.0		
1N5742B	-	18.0		45		12	20	+15.0		
1N5743B	-	20.0		55		14	15	+17.0		
1N5744B	-	22.0		55		15	15	+19.0		
1N5745B	-	24.0		70		17	15	+21.0		
1N5746B	-	27.0	2.0	80	19	10	+23.5			
1N5747B	-	30.0		80	21	10	+26.0			
1N5748B	-	33.0		90	23	10	+29.0			
1N5749B	-	36.0		90	25	10	+31.0			
1N5750B	-	39.0		130	27	9	+34.0			
1N5751B	-	43.0		150	30	9	+37.0			
1N5752B	-	47.0		170	33	8	+40.0			
1N5753B	-	51.0		180	36	7	+44.0			
1N5754B	-	56.0		200	39	6	+47.0			
1N5755B	-	62.0		215	43	6	+51.0			
1N5756B	-	68.0	240	48	5	+56.0				

400 mW	Cross-Reference	Nominal Zn. Voltage @I <sub>ZT</sub>	Test Current	Max. Zener Impedance @I <sub>ZT</sub>	Max. Rev. Lkg. Current		Maximum Zener Current	Tem. Coefficient Zener Voltage	Package	Outline (Max. in Inches)
					TA = 25°C V <sub>R</sub> = 1V	TA = 150°C V <sub>R</sub> = 1V				
Part No.		V <sub>Z</sub> (V)	I <sub>ZT</sub> (mA)	Z <sub>ZT</sub> (Ω)	I <sub>R</sub> (μA)	I <sub>R</sub> (μA)	I <sub>ZM</sub> (μA)	αvz(%/°C)	Bulk/Reel	
1N4370	-	2.4	20.0	30	100.0	200	150	-	1000/10000	
1N4371	-	2.7		30	75.0	150	135	-		
1N4372	-	3.0		29	50.0	100	120	-		
1N746A	1N5226B	3.3	28	10.0	30	110	-0.070			
1N747A	1N5227B	3.6	24	10.0		100	-0.065			
1N748A	1N5228B	3.9	23	10.0		95	-0.060			
1N749A	1N5229B	4.3	22	2.0	85	-0.055				
1N750A	1N5230B	4.7	19	2.0	75	-0.030				
1N751A	1N5231B	5.1	17	1.0	70	+0.030				
1N752A	1N5232B	5.6	11	1.0	65	+0.038				
1N753A	1N5234B	6.2	7	0.1	65	+0.045				
1N754A	1N5235B	6.8	5	0.1	55	+0.050				
1N755A	1N5236B	7.5	6	0.1	50	+0.058				
1N756A	1N5237B	8.2	8	0.1	45	+0.062				
1N757A	1N5239B	9.1	10		40	+0.068				
1N758A	1N5240B	10.0	17		35	+0.075				
1N759A	1N5242B	12.0	30		30	+0.077				

500 mW	Cross-Reference	Zener Voltage @ I <sub>ZT</sub>	Test Current	Maximum Zener Impedance	Voltage Temperature Stability	Test Temperature	Effective Temperature Coefficient	Package	Outline (Max. in Inches)
Part No.									
1N3154	-	8.0 - 8.8	10.0	15	130	-55 / +100	0.0100	1000/5000	
1N3154A	-				172	-55 / +150	0.0100		
1N3155	-				65	-55 / +100	0.0050		
1N3155A	-				86	-55 / +150	0.0050		
1N3156	-				26	-55 / +100	0.0020		
1N3156A	-				34	-55 / +150	0.0020		
1N3157	-				13	-55 / +100	0.0010		
1N3157A	-				17	-55 / +150	0.0010		