

1N1313 thru 1N1327



CASE 53

Very low power zener diodes with standard $\pm 10\%$ tolerances. Available with $\pm 5.0\%$ tolerance by adding suffix "A" to type number.

Standard cathode-to-case polarity.

For new designs and for industry preferred replacement devices, see MZ92-8.8A series.

MAXIMUM RATINGS

Junction and Storage Temperature Range: -65 to $+175^{\circ}\text{C}$ (Derate $1\text{ mW}/^{\circ}\text{C}$ above 25°C).

ELECTRICAL CHARACTERISTICS ($T_A = 25^{\circ}\text{C}$ unless otherwise noted)

Type	Nominal Voltage $V_Z @ I_{TZ} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_Z volts	Type	Nominal Voltage $V_Z @ I_{TZ} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_Z volts
		$T_A = 25^{\circ}\text{C}$ $I_R @ V_Z$ μA	$T_A = 100^{\circ}\text{C}$ $I_R @ V_Z$ μA				$T_A = 25^{\circ}\text{C}$ $I_R @ V_Z$ μA	$T_A = 100^{\circ}\text{C}$ $I_R @ V_Z$ μA	
1N1313	8.75	0.5	5	6.8	1N1318	23.50	0.1	10	18
1N1314	10.50	0.5	5	8.2	1N1319	26.50	0.1	10	22
1N1315	12.75	0.5	5	10	1N1320	34.50	0.1	10	27
1N1316	15.75	0.5	5	12	1N1321	41.00	0.1	10	33
1N1317	19.00	0.5	5	15	1N1322	48.50	0.1	10	39

Type	Nominal Voltage $V_Z @ I_{TZ} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_Z volts
		$T_A = 25^{\circ}\text{C}$ $I_R @ V_Z$ μA	$T_A = 100^{\circ}\text{C}$ $I_R @ V_Z$ μA	
1N1323	58.00	0.1	10	47
1N1324	71.00	1.0	50	56
1N1325	87.50	1.0	50	68
1N1326	106.0	1.0	50	82
1N1327	127.5	1.0	50	100