

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 $V_Z @ I_{ZT} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_R volts	Type	Nominal Voltage $V_Z @ I_{ZT} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_R volts
		$T_A = 25^\circ\text{C}$ $I_R @ V_R$ μA	$T_A = 100^\circ\text{C}$ $I_A @ V_R$ μA				$T_A = 25^\circ\text{C}$ $I_R @ V_R$ μA	$T_A = 100^\circ\text{C}$ $I_A @ V_R$ 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	28.50	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 $V_Z @ I_{ZT} = 200\ \mu\text{A}$ volts	Max Reverse Current		Test Voltage V_R volts
		$T_A = 25^\circ\text{C}$ $I_R @ V_R$ μA	$T_A = 100^\circ\text{C}$ $I_A @ V_R$ μA	
1N1323	58.00	0.1	10	47
1N1324	71.00	1.0	50	56
1N1325	87.50	1.0	50	68
1N1326	105.0	1.0	50	82
1N1327	127.5	1.0	50	100

1N1351 thru 1N1375



CASE 56
(DO-4)

Recommended for applications requiring an exact replacement only. For new designs and for industry preferred replacement devices, see 1N2970 series.