

TEMPERATURE COMPENSATED ZENER REFERENCE DIODES

JEDEC Part Number	Nominal Zener Voltage at I_{zT}	Zener Test Current	Minimum Zener Voltage at I_{zT}	Maximum Zener Voltage at I_{zT}	Maximum Zener Impedance	Maximum Voltage Temperature Stability	Effective Temperature Coefficient	Temperature Range	Package Quantities	Outline
	V_z (Volts)	I_{zT} (mA)	V_z (Volts)	V_z (Volts)	Z_{zT} (Ohms)	ΔV_{zT} (mV)	$\pm\%/^{\circ}\text{C}$	$^{\circ}\text{C}$	Bulk/Reel	Inches/millimeters
1N429	6.2	7.5	5.9	6.5	20	96	0.05	-55 to +100		<p>0.065/0.075 1.52/1.91</p> <p>0.360 ± 0.01 9.14 ± 25</p> <p>1.0 25.4 Min</p> <p>0.018/0.022 457/559 Dia</p> <p>POLARITY MARK (CATHODE)</p> <p>All dimensions in $\frac{\text{inch}}{\text{mm}}$</p> <p>C1 Can</p>
1N821 1N821A 1N823 1N823A	6.2	7.5	5.9	6.5	15	96	0.01	-55 to +100		
10					96	0.01				
15					48	0.005				
1N825 1N825A	6.2	7.5	5.9	6.5	15	19	0.002	-55 to +100		
10					19	0.002				
1N827 1N827A 1N829 1N829A	6.2	7.5	5.9	6.5	15	9	0.001	-55 to +100		
10					9	0.001				
15					5	0.0005				
10					5	0.0005				
1N4565 1N4565A 1N4566 1N4566A 1N4567	6.4	0.5	6.2	6.9	200	.64	0.01	0 to +75	100/ 5,000	<p>0.068/0.073 1.73/1.93 Dia</p> <p>1.00 25.4 Min</p> <p>0.150/0.170 3.81/4.32</p> <p>1.00 25.4 Min</p> <p>0.018/0.022 457/559 Dia</p> <p>Polarity Band (Cathode)</p> <p>All Dimensions in $\frac{\text{Inches}}{\text{mm}}$</p> <p>DO-35</p>
.64						0.01	-55 to +100			
.32						0.005	0 to +75			
.32						0.005	-55 to +100			
.13						0.002	0 to +75			
1N4567A 1N4568 1N4568A 1N4569 1N4569A	6.4	0.5	6.2	6.9	200	.13	0.002	-55 to +100	100/ 5,000	
.06						0.001	0 to +75			
.06						0.001	-55 to +100			
.03						0.0005	0 to +75			
.03						0.0005	-55 to +100			
1N4570 1N4570A 1N4571 1N4571A 1N4572	6.4	1.0	6.2	6.9	100	.64	0.01	0 to +75	100/ 5,000	
.64						0.01	-55 to +100			
.32						0.005	0 to +75			
.32						0.005	-55 to +100			
.13						0.002	0 to +75			
1N4572A 1N4573 1N4573A 1N4574 1N4574A	6.4	1.0	6.2	6.9	100	.13	0.002	-55 to +100	100/ 5,000	
.06						0.001	0 to +75			
.06						0.001	-55 to +100			
.03						0.0005	0 to +75			
.03						0.0005	-55 to +100			
1N4575 1N4575A 1N4576 1N4576A 1N4577	6.4	2.0	6.2	6.9	50	.64	0.01	0 to +75	100/ 5,000	
.64						0.01	-55 to +100			
.32						0.005	0 to +75			
.32						0.005	-55 to +100			
.13						0.002	0 to +75			
1N4577A 1N4578 1N4578A 1N4579 1N4579A	6.4	2.0	6.2	6.9	50	.13	0.002	-55 to +100	100/ 5,000	
.06						0.001	0 to +75			
.06						0.001	-55 to +100			
.03						0.0005	0 to +75			
.03						0.0005	-55 to +100			
1N4580 1N4580A 1N4581 1N4581A 1N4582	6.4	4.0	6.2	6.9	25	.64	0.01	0 to +75	100/ 5,000	
.64						0.01	-55 to +100			
.32						0.005	0 to +75			
.32						0.005	-55 to +100			
.13						0.002	0 to +75			
1N4582A 1N4583 1N4583A 1N4584 1N4584A	6.4	4.0	6.2	6.9	25	.13	0.002	-55 to +100	100/ 5,000	
.06						0.001	0 to +75			
.06						0.001	-55 to +100			
.03						0.0005	0 to +75			
.03						0.0005	-55 to +100			