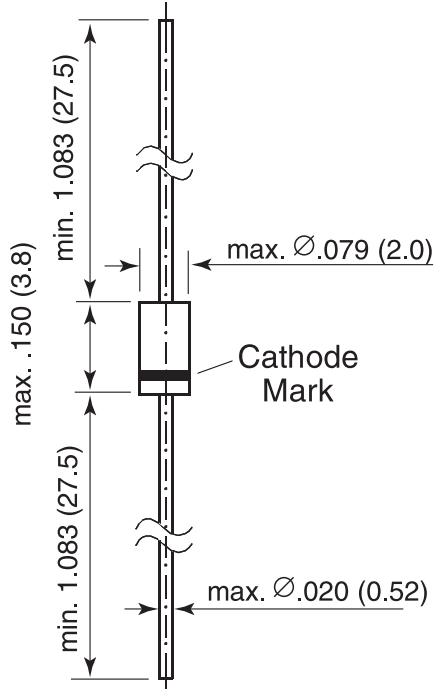




## Small-Signal Diode

### DO-35 Glass



Dimensions in inches and (millimeters)

### Features

- Silicon Epitaxial Planar Diode
- For general purpose and switching
- This diode is also available in other case styles including the SOD-123 case with the type designation 1N4150W, and the MiniMELF case with the type designation LL4150.

### Mechanical Data

**Case:** DO-35 Glass Case

**Weight:** approx. 0.13g

### Maximum Ratings and Thermal Characteristics ( $T_A = 25^\circ\text{C}$ unless otherwise noted)

Parameter	Symbol	Limit	Unit
Peak Reverse Voltage	$V_{RM}$	50	V
Maximum Average Rectified Current	$I_{F(AV)}$	200	mA
Maximum Power Dissipation at $T_{amb} = 25^\circ\text{C}$	$P_{tot}$	500	mW
Maximum Junction Temperature	$T_j$	200	$^\circ\text{C}$

### Electrical Characteristics ( $T_J = 25^\circ\text{C}$ unless otherwise noted)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage Drop	$V_F$	$I_F = 200\text{mA}$	—	—	1.0	V
Reverse Current	$I_R$	$V_R = 50\text{V}$	—	—	100	nA
Reverse Recovery Time	$t_{rr}$	$I_F = I_R = 10$ to $200\text{mA}$ to $0.1\text{I}_F$	—	—	4.0	ns