



1N4150

Small-Signal Diode
Fast Switching Diode

Features

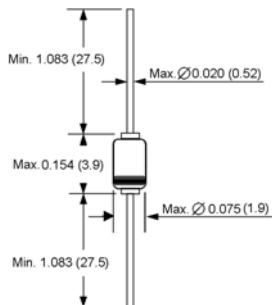
- ◆ Silicon Epitaxial Planar Diode
- ◆ For general purpose and switching
- ◆ This diode is also available in other case styles including the MiniMELF case with the type designation LL4150.



DO-204AH (DO-35 Glass)

Mechanical Data

- ◆ Case: DO-34, DO-35 Glass Case
- ◆ Weight: approx. 0.13g



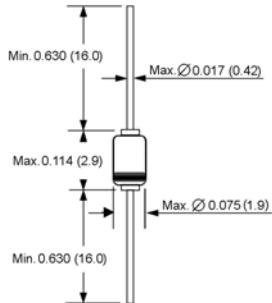
Dimensions in inches and (millimeters)

DO-34 Glass

Maximum Ratings and Thermal Characteristics

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

Parameter	Symbol	Limit	Unit
Peak reverse voltage	V_{RM}	50	Volts
Maximum average rectified current	$I_{(AV)}$	200	mA
Maximum power dissipation at $T_{amb}=25^\circ\text{C}$	P_{tot}	500	mW
Maximum junction temperature	T_J	175	°C



Dimensions in inches and (millimeters)

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	Volt
Reverse current	I_R	$V_R=50\text{V}$	-	-	100	nA
Reverse recovery time	t_{rr}	$I_F=I_R=10\text{mA}$ to 200mA to $0.1I_F$	-	-	4.0	nS