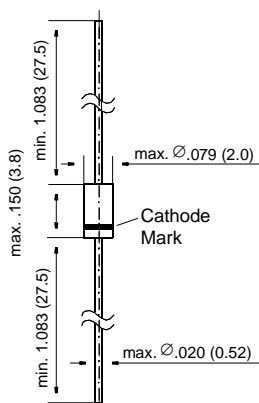


1N4150

Small Signal Diodes

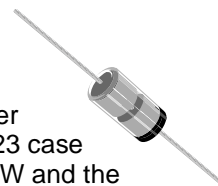
DO-35



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. 0.13 g

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified

	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	50	V
Maximum Average Rectified Current	I_0	200	mA
Maximum Power Dissipation at $T_{amb} = 25\text{ }^{\circ}\text{C}$	P_{tot}	500	mW
Maximum Junction Temperature	T_j	200	$^{\circ}\text{C}$
Maximum Forward Voltage Drop at $I_F = 200\text{ mA}$	V_F	1.0	V
Maximum Reverse Current at $V_R = 50\text{ V}$	I_R	100	nA
Max. Reverse Recovery Time at $I_F = I_R = 10\text{ to } 200\text{ mA}$, to $0.1\text{ } I_F$	t_{rr}	4.0	ns