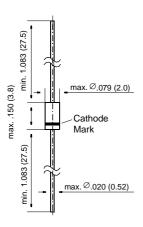
# 1N4150

# **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 <sub>RM</sub>	50	V
Maximum Average Rectified Current	I <sub>0</sub>	200	mA
Maximum Power Dissipation at T <sub>amb</sub> = 25 °C	P <sub>tot</sub>	500	mW
Maximum Junction Temperature	Tj	200	°C
Maximum Forward Voltage Drop at I <sub>F</sub> = 200 mA	V <sub>F</sub>	1.0	V
Maximum Reverse Current at V <sub>R</sub> = 50 V	I <sub>R</sub>	100	nA
Max. Reverse Recovery Time at $I_F = I_R = 10$ to 200 mA, to 0.1 $I_F$	t <sub>rr</sub>	4.0	ns

