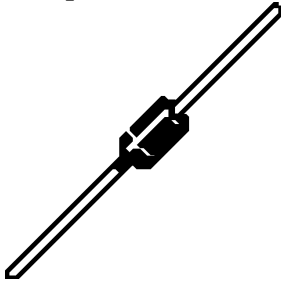
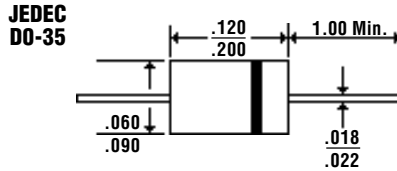


**Description**



**Mechanical Dimensions**



**Features**

- PLANAR PROCESS
- 500 mW POWER DISSIPATION
- INDUSTRY STANDARD DO-35 PACKAGE
- MEETS UL SPECIFICATION 94V-0

	<b>1N4151</b>	<b>Units</b>
<b>Maximum Ratings</b>	<b>1N4151</b>	
Peak Reverse Voltage... $V_{RM}$	75	Volts
RMS Reverse Voltage... $V_{R(rms)}$	50	Volts
Average Forward Rectified Current... $I_o$	215	mAmps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$	500	mAmps
Power Dissipation... $P_D$	500	mW
Operating & Storage Temperature Range... $T_J, T_{STRG}$	-65 to 150	°C
<b>Electrical Characteristics</b>		
Maximum Forward Voltage... $V_F$ @ $I_F = 50$ mA	1.0	Volts
Maximum DC Reverse Current... $I_R$ @ $V_R = 50$ v	50	nAmps
Maximum Frequency... $f$	100	MHz
Maximum Diode Capacitance... $C_D$	2.0	pF
Maximum Reverse Recovery Time... $t_{RR}$	2.0	ns

