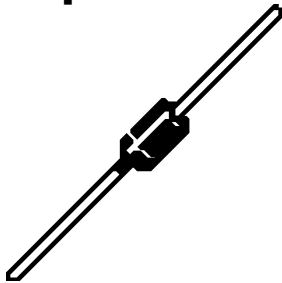
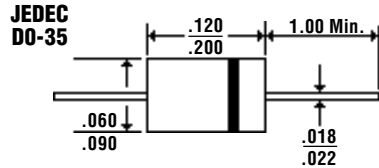


**1N914**

**Description**



**Mechanical Dimensions**



**Features**

- PLANAR PROCESS
- 250 mW POWER DISSIPATION
- INDUSTRY STANDARD D0-35 PACKAGE
- MEETS UL SPECIFICATION 94V-0

	<b>1N914</b>	<b>Units</b>
<b>Maximum Ratings</b>	<b>1N914</b>	
Peak Reverse Voltage... $V_{RM}$	80	Volts
RMS Reverse Voltage... $V_{R(rms)}$	80	Volts
Average Forward Rectified Current... $I_O$	100	mAmps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$	300	mAmps
Power Dissipation... $P_D$	250	mW
Operating Temperature Range... $T_J$	-25 to 85	°C
Storage Temperature Range... $T_{STRG}$	-55 to 125	°C
<b>Electrical Characteristics</b>		
Maximum Forward Voltage... $V_f$ @ $I_f = 100$ mA	1.2	Volts
Maximum DC Reverse Current... $I_R$ @ $V_R = 70$ v	0.1	μAmps
Maximum Frequency ...f	100	MHz
Maximum Diode Capacitance, $V_R = 6$ V, $f = 1$ MHz... $C_D$	3.5	pF
Maximum Reverse Recovery Time... $t_{RR}$	4.0	ns

**Device Under Test**

