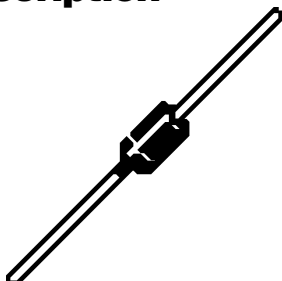
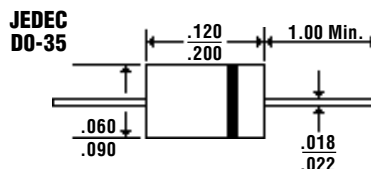


1N914

Description



Mechanical Dimensions



Features

- **PLANAR PROCESS**
- **250 mW POWER DISSIPATION**

- **INDUSTRY STANDARD D0-35 PACKAGE**
- **MEETS UL SPECIFICATION 94V-0**

	1N914	Units
Maximum Ratings		
Peak Reverse Voltage... V_{RM}	80	Volts
RMS Reverse Voltage... $V_{R(rms)}$	80	Volts
Average Forward Rectified Current... I_0	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
Electrical Characteristics		
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

