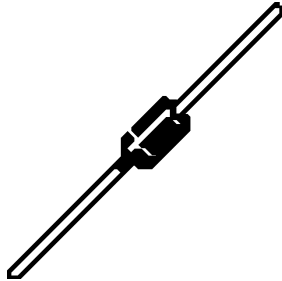
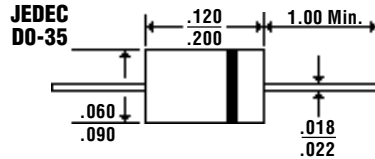


1N4448

Description



Mechanical Dimensions



Features

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

	1N4448	Units
Maximum Ratings		
Peak Reverse Voltage... V_{RM}	100	Volts
RMS Reverse Voltage... $V_{R(rms)}$	75	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 Temperature Range... T_J	-25 to 85	°C
Storage Temperature Range... T_{STRG}	-65 to 150	°C
Electrical Characteristics		
Maximum Forward Voltage... V_F @ $I_f = 100$ mA	1.0	Volts
Maximum DC Reverse Current... I_R @ $V_R = 75$ v	5.0	μAmps
Maximum Frequency... f	100	MHz
Maximum Diode Capacitance... C_D	2.0	pF
Maximum Reverse Recovery Time... t_{RR}	4.0	ns

