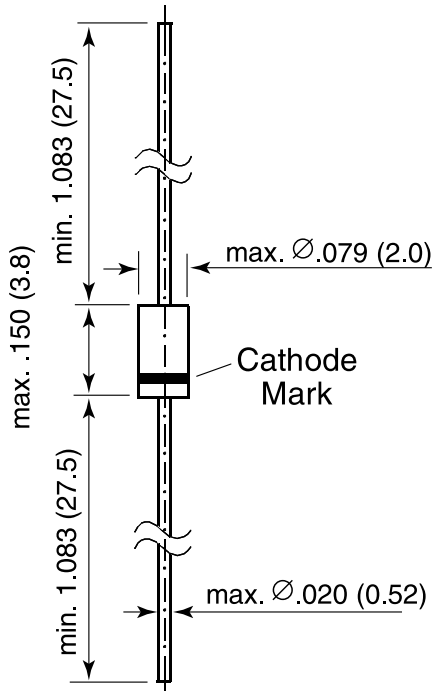


1N914



Small-Signal Diode

DO-35 Glass



Dimensions in inches and (millimeters)

Features

- Silicon Epitaxial Planar Diode
- For general purpose and switching

Mechanical Data

Case: DO-35 Glass Case

Weight: approx. 0.13g

Maximum Ratings and Thermal Characteristics (T_A = 25°C unless otherwise noted)

Parameter	Symbol	Limit	Unit
Peak Reverse Voltage	V _{RM}	100	V
Average Rectified Current	I _{F(AV)}	75	mA
Power Dissipation at T _{amb} = 25°C	P _{tot}	500	mW
Junction Temperature	T _j	200	°C

Electrical Characteristics (T_J = 25°C unless otherwise noted)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage Drop	V _F	I _F = 10mA	—	—	1.0	V
Reverse Current	I _R	V _R = 20V V _R = 75V	— —	— —	25 5.0	nA μA
Reverse Recovery Time	t _{rr}	I _F = I _R = 10mA, V _R = 6V R _L = 100Ω, to I _{rr} = 1mA	—	—	4.0	ns
Capacitance	C _{tot}	V _R = 0, f = 1.0MHz	—	—	4.0	pF