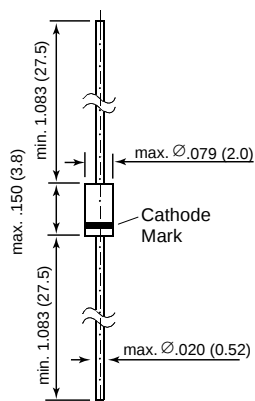


1N914

SMALL SIGNAL DIODE

DO-35



Dimensions in inches and (millimeters)

FEATURES

- ◆ Silicon Epitaxial Planar Diode
- ◆ For general purpose and switching.



MECHANICAL DATA

Case: DO-35 Glass Case

Weight: approx. 0.13 g

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

	SYMBOL	VALUE	UNIT
Peak Reverse Voltage	V_{RM}	100	V
Maximum Average Rectified Current	I_o	75	mA
Maximum Power Dissipation at $T_{amb} = 25^{\circ}C$	P_{tot}	500	mW
Maximum Junction Temperature	T_j	200	°C
Maximum Forward Voltage Drop at $I_F = 10$ mA	V_F	1.0	V
Maximum Reverse Current at $V_R = 20$ V $V_R = 75$ V	I_R	25 5.0	nA μ A
Max. Reverse Recovery Time at $I_F = I_R = 10$ mA, $V_R = 6$ V, $R_L = 100 \Omega$, to $I_{rr} = 1$ mA	t_{rr}	4.0	ns
Maximum Capacitance at $V_R=0$, $f=1.0$ MHz	C_{tot}	4.0	pF