

1N34A

Germanium Diode 65 Volt

FEATURE

- Low Leakage Current
- Flat Junction Capacitance
- High Mechanical Strength

MECHANICAL DATA

- Operating Temperature: -65°C to $+75^{\circ}\text{C}$
- Storage Temperature: -65°C to $+75^{\circ}\text{C}$
- Weight: 0.005 ounce, 0.14 grams

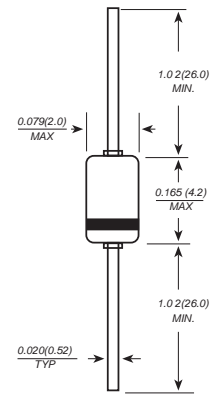
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 C ambient temperature unless otherwise specified.

Peak Inverse Voltage	PIV	65V	$I_R=1.0\text{mA}$
Average Rectified Current	I_o	50mA	
Peak Forward Surge Current	I_{FSM}	500mA	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	1.00V	$I_{FM} = 5.0\text{mA};$ $T_J = 25^{\circ}\text{C}^*$
Maximum Reverse Current	I_R	30uA 500uA	$T_A = 25^{\circ}\text{C}$ $V_R=10\text{V}$ $V_R=50\text{V}$
Typical Junction Capacitance	C_J	0.8pF	Measured at 1.0MHz, $V_R=0\text{V}$

*Pulse test: Pulse width 300 usec, Duty cycle 2%

DO-35(GLASS)



Dimensions in inches and (millimeters)