



Micro Commercial Components  
21201 Itasca Street Chatsworth  
CA 91311  
Phone: (818) 701-4933  
Fax: (818) 701-4939

# 1N34A

## Features

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

## Germanium Diode 65 Volt

## Maximum Ratings

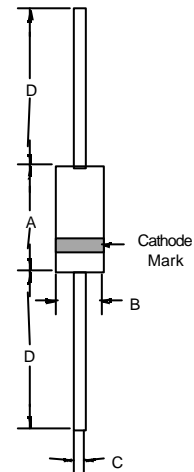
- Operating Temperature:  $-65^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- Storage Temperature:  $-65^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$

### Electrical Characteristics @ $25^{\circ}\text{C}$ 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-7



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	-----	.300	-----	7.62	
B	-----	.107	-----	2.72	∅
C	.018	.022	0.46	0.56	∅
D	1.000	-----	25.40	-----	

This datasheet has been download from:

[www.datasheetcatalog.com](http://www.datasheetcatalog.com)

Datasheets for electronics components.