



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

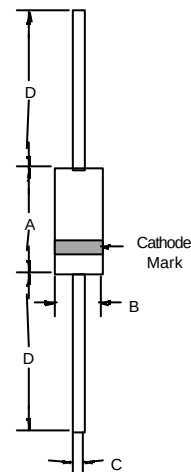
- Operating Temperature: -65°C to $+75^{\circ}\text{C}$
- Storage Temperature: -65°C to $+75^{\circ}\text{C}$

Electrical Characteristics @ 25°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	Ø
C	.018	.022	0.46	0.56	Ø
D	1.000	-----	25.40	-----	