



Micro Commercial Components

Micro Commercial Components  
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**1N34A**

## Features

- Low Leakage Current
- Low Junction Capacitance
- High Mechanical Strength
- Marking : Cathode band
- A part number suffix "P" means RoHs Compliant

## Maximum Ratings

- Operating Temperature: -65°C to +75°C
- Storage Temperature: -65°C to +75°C

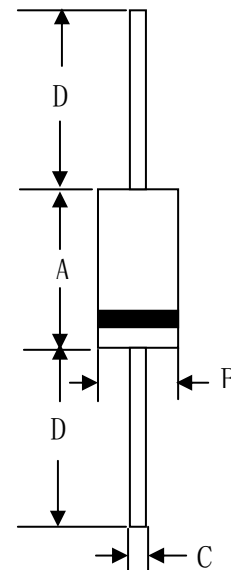
## Electrical Characteristics @ 25°C Unless Otherwise Specified

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%

**Germanium Diode  
65 Volt**

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	-----	



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