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# 1N34A

## Germanium Diode 65 Volt

### Features

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

### 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	$I_R=1.0mA$
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	$I_{FM} = 5.0mA$ ; $T_J = 25^\circ C^*$
Maximum Reverse Current	$I_R$	30uA 500uA	$T_A = 25^\circ C$ $V_R=10V$ $V_R=50V$
Typical Junction Capacitance	$C_J$	0.8pF	Measured at 1.0MHz, $V_R=0V$

\*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	-----	