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Features

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

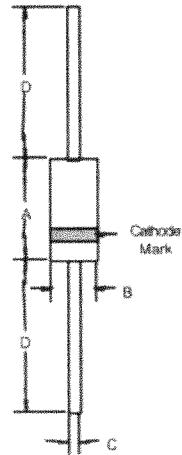
1N34A Germanium Diode 65 Volt

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



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	—	300	—	7.62	2
B	—	107	—	2.72	2
C	.018	.022	.046	.056	2
D	1.000	—	25.40	—	