



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

1N100A

Features

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

Maximum Ratings

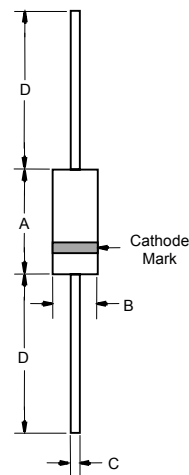
- Operating Temperature: -78°C to +90°C
- Storage Temperature: -78°C to +100°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Peak Inverse Voltage	PIV	100V	$I_R=1.0\text{mA}$
Average Rectified Current	I_O	70mA	
Non-Repetitive Peak Forward Surge Current	I_{FSM1}	400mA	$t=1$ second
Repetitive Peak Forward Surge Current	I_{FSM2}	250mA	
Maximum Instantaneous Forward Voltage	V_F	1.00V	$I_{FM} = 40\text{mA};$ $T_J = 25^\circ\text{C}$
Maximum Reverse Current	I_R	5.0 μA 50 μA	$V_R=5.0\text{V}$ $V_R=50\text{V}$

**100 Volt
Germanium Diode**

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	-----	