Germanium Glass Diode



DO-7

Features

- Optimized for Radio Frequency Response
- Gold Bonded
- Lower Leakage Current

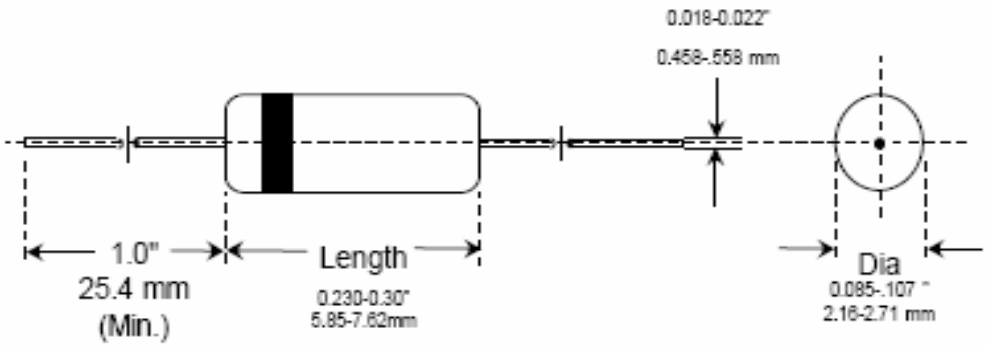
Mechanical Data

Case:	DO-7, molded glass
Terminals:	Plated axial lead, solderable per MIL-STD-202E, Method 208
Polarity:	Color band denotes cathode end
Weight:	0.2 gram

Maximum Ratings and Electrical Characteristics *(T_A=25ºC unless noted otherwise)*

Symbol	Description	1N100	Unit	Conditions
PIV	Maximum Peak Reverse Voltage	100	V	
I_{FSM}	Peak Forward Surge Current Non Repetitive	400	mA	t=1 second
I_{FSR}	Peak Forward Surge Current Repetitive	250	mA	
$I_{F(AV)}$	Maximum Average Forward Rectified Current	70	mA	
V_F	Maximum Instantaneous Forward Voltage	1.0	V	I_F=40mA
I_R	Maximum Reverse Leakage	5	µA	V_R=5V
		50		V_R=50V
T_J	Operating Temperature range	-78 to +90	° C	
T_{STG}	Storage Temperature Range	-78 to +100	° C	

Dimensions in inch / mm



DO-7 Glass Package

How to contact us:

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