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### Features

- High reliability.
- High speed. ( $t_{rr}=2.0\text{ns Max.}$ )
- Silicon epitaxial planar

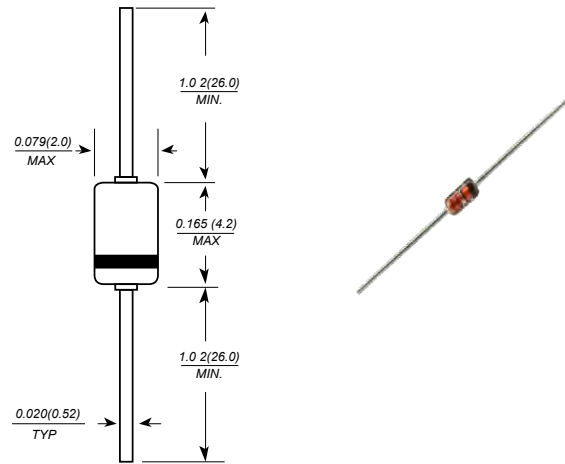
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### Mechanical Data

- Case: DO-35, glass case
- Polarity: Color band denotes cathode
- Weight: 0.005 ounces, 0.14 grams



### DO-35(GLASS)



Dimensions in millimeters

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### Maximum Ratings and Electrical Characteristics T<sub>A</sub> = 25°C unless otherwise specified

Symbol	Parameter	Min	Max	Unit
$V_F$	Forward Voltage ( $I_F=100\text{mA dc}$ )	-	1.0	Vdc
$I_R$	Reverse Current ( $V_R=65\text{V dc}$ )	---	0.5	$\mu\text{A dc}$
$C_T$	Capacitance Between Terminals ( $V_R=0, f=1.0\text{MHz}$ )	---	3.0	pF
$t_{rr}$	Reverse Recovery Time ( $V_R=60\text{V dc } I_F=10\text{mA dc}$ )	---	2.0	ns

Symbol	Rating	Rating	Unit
$V_{RM}$	Peak Reverse Voltage	75	V
$V_R$	DC Reverse Voltage	65	V
$I_{FM}$	Peak Forward Current	600	mA
$I_O$	Mean Rectifying Current	200	mA
$I_{surge}$	Surge Current (1 $\mu\text{s}$ )	4.0	A
$T_J$	Operating Junction Temperature	-55 to +150	$^{\circ}\text{C}$
$T_{STG}$	Storage Temperature	55 to +150	$^{\circ}\text{C}$