

Features

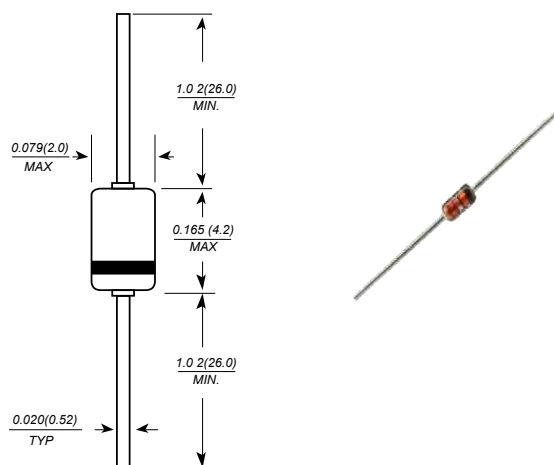
- High reliability.
- High speed. ($t_r=2.0\text{ns Max.}$)
- Silicon epitaxial planar

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

Maximum Ratings and Electrical Characteristics $T_A = 25^\circ\text{C}$ unless otherwise specified

Symbol	Parameter	Min	Max	Unit
V_F	Forward Voltage ($I_F=100\text{mA}$)	-	1.0	Vdc
I_R	Reverse Current ($V_R=65\text{Vdc}$)	---	0.5	μA
C_T	Capacitance Between Terminals ($V_R=0$, $f=1.0\text{MHz}$)	---	3.0	pF
t_{rr}	Reverse Recovery Time ($V_R=60\text{Vdc}$ $I_F=10\text{mA}$)	---	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 μs)	4.0	A
T_J	Operating Junction Temperature	-55 to +150	$^\circ\text{C}$
T_{STG}	Storage Temperature	55 to +150	$^\circ\text{C}$