

### Features

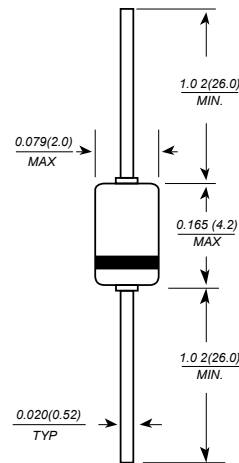
- Lower leakage current
- Flat junction capacitance
- High mechanical strength
- At least 1 million hours MTBF

### Mechanical Data

- Case: DO-35, glass case
- Polarity: Color band denotes cathode
- Weight: 0.004 ounces, 0.13 grams



### DO-35(GLASS)



Dimensions in millimeters

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

Parameter		Symbols	Min.	Max.	Units	
Peak Inverse Voltage		PIV	**	100	Volts	
Surge Current , t = 1 Second		$I_{FSM}$		0.5	Amps	
Average Rectified Forward Current		$I_O$		40	mA	
Peak Operating Current		$I_{OS}$		325	mA	
Operating and Storage Temperatures		$T_{J \& STG}$	-65	+90	$^\circ\text{C}$	
Parameter	Test Conditions	Symbols	Min.	Typ.	Max.	Units
Forward Voltage Drop	$I_F = 200 \text{ mA}$	$V_F$			1.00	Volts
Breakdown Voltage	$I_R = 1.0 \text{ mA}$	PIV	100			Volts
Reverse Leakage	$V_R = 50 \text{ Volts}$	$I_R$		**	100	$\mu\text{A}$
Junction Capacitance	$f = 1\text{MHz}, V_R = 1 \text{ volt}$	$C_J$		0.8		pF