

### Features

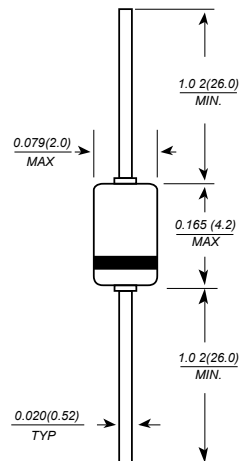
- Low forward resistance. ( $r_f = 0.9 \Omega_{\text{max}}$ )
- Suitable for 5mm pitch high speed automatic insertion.
- Small glass package (MHD) enables easy mounting and high reliability.

### 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

Item	Symbol	Value	Unit
Reverse voltage	$V_R$	35	V
Forward current	$I_F$	100	mA
Junction temperature	$T_j$	175	$^\circ\text{C}$
Storage temperature	$T_{\text{stg}}$	-65 to +175	$^\circ\text{C}$

### Electrical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Item	Symbol	Min	Typ	Max	Unit	Test Condition
Forward voltage	$V_F$	—	—	1.0	V	$I_F = 10\text{mA}$
Reverse voltage	$V_R$	35	—	—	V	$I_R = 10\mu\text{A}$
Reverse current	$I_R$	—	—	0.1	$\mu\text{A}$	$V_R = 25\text{V}$
Capacitance	C	—	—	1.2	pF	$V_R = 6\text{V}$ , $f = 1\text{MHz}$
Forward resistance	$r_f$	—	—	0.9	$\Omega$	$I_F = 2\text{mA}$ , $f = 100\text{MHz}$