

### Features

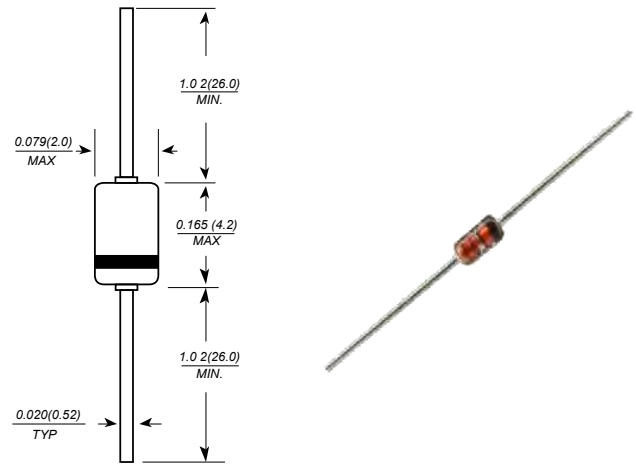
- Low capacitance
- Short reverse recovery time
- High reliability

### Mechanical Data

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



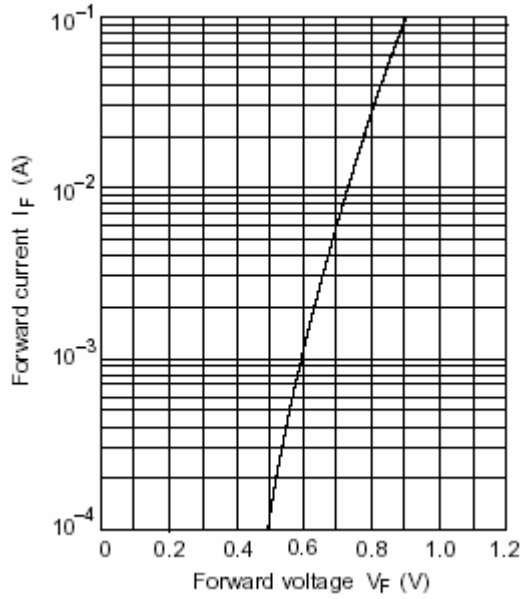
### DO-35(GLASS)



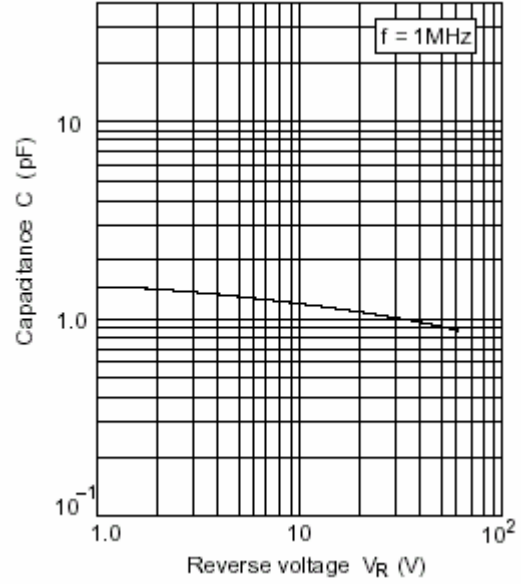
Dimensions in millimeters

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

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	$V_{RM}$	70	V
Reverse Voltage	$V_R$	60	V
Average Forward Current	$I_O$	150	mA
Peak Forward Current	$I_{FM}$	450	mA
Non-Repetitive Peak Forward Surge Current (1 s)	$I_{FSM}$	1	A
Power Dissipation	$P_{tot}$	250	mW
Junction Temperature	$T_J$	175	$^\circ\text{C}$
Storage Temperature Range	$T_s$	- 65 to + 175	$^\circ\text{C}$
Parameter	Symbol	Max.	Unit
Forward Voltage at $I_F = 10\text{ mA}$	V	0.8	V
Reverse Current at $V_R = 60\text{ V}$	$I_R$	1	$\mu\text{A}$
Capacitance between Terminals at $V_R = 1\text{ V}$ , $f = 1\text{ MHz}$	$C_T$	3	pF
Reverse Recovery Time at $I_F = 10\text{ mA}$ , $V_R = 6\text{ V}$ , $R_L = 50\ \Omega$	$t_{rr}$	3.5	ns



**Fig.1 Forward current Vs. Forward voltage**



**Fig.2 Capacitance Vs. Reverse voltage**