

### Features

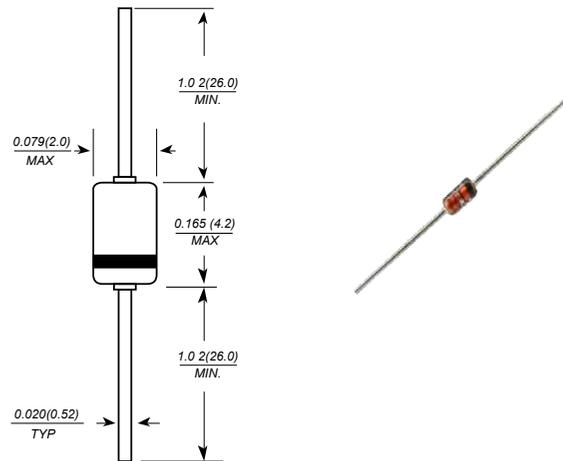
- Low forward voltage
- High breakdown voltage
- Low diode capacitance.

### 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 Thermal Characteristics (Rating at 25 °C ambient temperature unless otherwise specified.)

Characteristic	Symbol	Value	Unit
Reverse Voltage	$V_R$	10	V
Average Rectified Current	$I_o$	15	mA
Power Dissipation	$P_D$	150	mW
Junction Temperature	$T_J$	100	°C
Storage temperature range	$T_{stg}$	-55 to + 100	°C

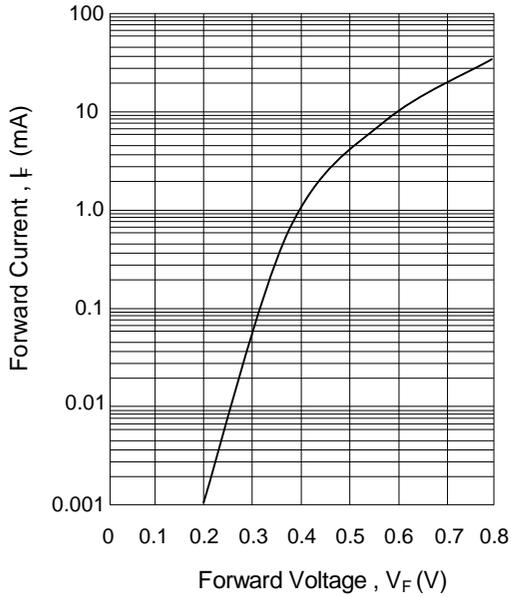
Note: (1) Valid provided that leads at a distance of 4mm from case are kept at ambient temperature.

### Electrical Characteristics ( $T_J = 25^\circ\text{C}$ unless otherwise noted)

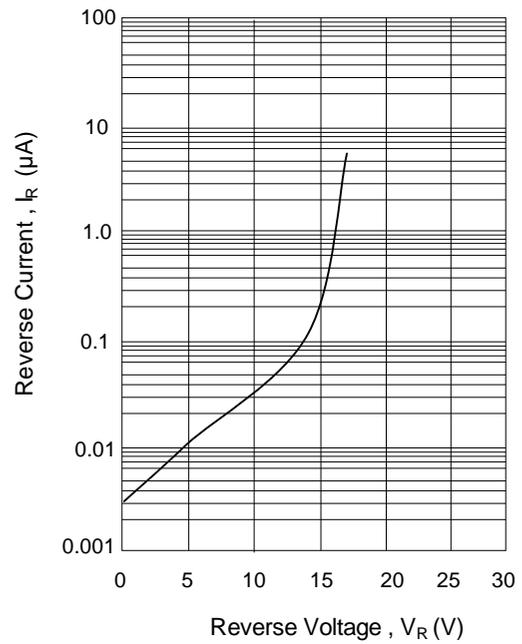
Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Reverse Current	$I_R$	$V_R = 10\text{ V}$	-	-	10	$\mu\text{A}$
		$V_R = 2\text{ V}$	-	-	0.2	$\mu\text{A}$
Forward Voltage	$V_F$	$I_F = 1\text{ mA}$	365	-	430	mV
		$I_F = 10\text{ mA}$	520	-	600	mV
Diode Capacitance	$C_d$	$V_R = 0\text{ V}, f = 1\text{ MHz}$	-	-	1.0	pF
Forward Voltage Deviation	$V_F$	$I_F = 10\text{ mA}$	-	-	$\pm 5$	mV



**Forward Current VS. Forward Voltage**



**Reverse Current VS. Reverse Voltage**



**Diode capacitance VS. Reverse Voltage**

