

### Features

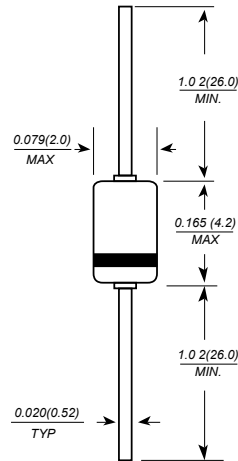
- Humidity proof glass
- Thermally matched system
- No thermal fatigue
- No applications restrictions
- Problem free assembly
- Six Sigma quality

### Mechanical Data

- Case: DO-35, Glass
- Leads: Solderable per MIL-STD-202, Method 208
- Marking: Type Number
- Polarity: Cathode Band
- Weight: 0.13 grams (approx.)



### DO-35(GLASS)



Dimensions in millimeters

### Maximum Ratings @ T<sub>A</sub> = 25°C unless otherwise specified

Absolute Maximum Ratings	Symbol	Value	Unit
Average Forward Rectified Current at T <sub>Ambient</sub> = 25 °C	I <sub>AV</sub>	0.65	Amp
Maximum Non-Repetitive Surge (8.3 mSecs. 1/2 sine)	I <sub>FSM</sub>	2.0	Amps
Junction Temperature Range	T <sub>j</sub>	-65 to +200	°C
Storage Temperature Range	T <sub>s</sub>	-55 to +200	°C
Max. Average Power Dissipation	P <sub>diss</sub>	250	mW

### Characteristics at T = 25°C

Type	Peak Inverse Voltage (MIN.) (PIV)	Maximum Average Rectified Current (I <sub>O</sub> )	Maximum Forward Voltage Drop (V <sub>F</sub> ) @ 0.1A	Maximum Leakage Current (I <sub>R</sub> ) @ PIV		Minimum Saturation Voltage (@0.1 mA)
	Volts	Amps	Volts	25°C µA	100°C µA	Volts
1N482B	30	0.2	1.0	0.025	5	40
1N483B	60	0.2	1.0	0.025	5	80
1N484B	125	0.2	1.0	0.025	5	150
1N485B	175	0.2	1.0	0.025	5	200
1N486B	225	0.2	1.0	0.025	5	250