

Features

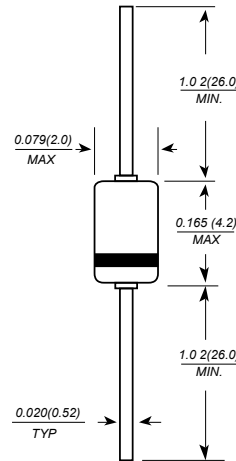
- Humidity proof glass
- Thermally matched system
- No thermal fatigue
- No applications restrictions
- Problem free assembly
- Six Sigma quality

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_A = 25°C unless otherwise specified

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

Characteristics at T = 25°C

Type	Peak Inverse Voltage (MIN.) (PIV)	Maximum Average Rectified Current (I _O)	Maximum Forward Voltage Drop (V _F) @ 0.1A	Maximum Leakage Current (I _R) @ 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