

Features

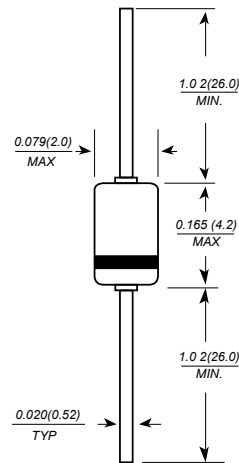
- Lower leakage current
- Flat junction capacitance
- High mechanical strength
- At least 1 million hours MTBF

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		Symbols	Min.		Max.	Units
Peak Inverse Voltage		PIV	**		110	Volts
Breakdown Voltage @ I _R = 1.0 mA		V _{BR}	110			Volts
Surge Current , t = 1 Second		I _{FSM}			0.5	Amps
Peak Operating Current		I _{OS}			270	mA
Average Rectified Forward Current		I _O			75	mA
Operating and Storage Temperatures		T _{J & STG}	-65		+90	°C
Parameter	Test Conditions	Symbols	Min.	Typ.	Max.	Units
Forward Voltage Drop	I _F = 100 mA	V _F			1.00	Volts
Reverse Leakage	V _R = 10 Volts,T _{amb} = 75 °C	I _R	**		75	µA
Reverse Leakage	V _R = 50 Volts,T _{amb} = 75 °C	I _R		**	250	µA
Breakdown Voltage	I _R = 1.0 mA	PIV	110			Volts
Junction Capacitance	f = 1MHz, V _R = 0 volt	C _J		0.8		pF