
Features

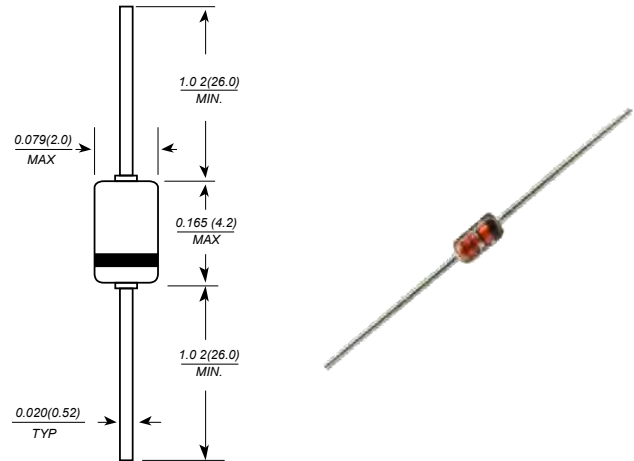
- Lower leakage current
- Flat junction capacitance
- High mechanical strength
- At least 1 million hours MTBF

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°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