

Features

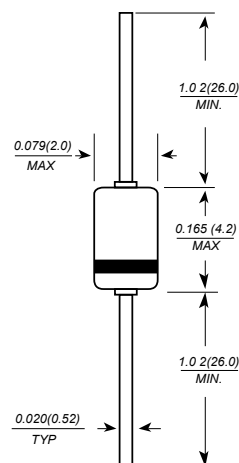
- Lower leakage current
- Flat junction capacitance
- High mechanical strength
- At least 1 million hours MTBF

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	**		100	Volts
Surge Current , t = 1 Second		I _{FSM}			0.5	Amps
Average Rectified Forward Current		I _O			40	mA
Peak Operating Current		I _{OS}			325	mA
Operating and Storage Temperatures		T _{J & STG}	-65		+90	°C
Parameter	Test Conditions	Symbols	Min.	Typ.	Max.	Units
Forward Voltage Drop	I _F = 200 mA	V _F			1.00	Volts
Breakdown Voltage	I _R = 1.0 mA	PIV	100			Volts
Reverse Leakage	V _R = 50 Volts	I _R		**	100	µA
Junction Capacitance	f = 1MHz, V _R = 1 volt	C _J		0.8		pF