

Features

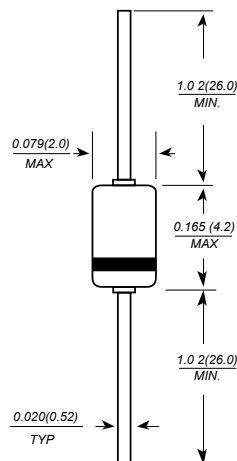
- High reverse voltage. ($V = 200V$)
- Suitable for 5mm pitch high speed automatic insertion.
- Small glass package (MHD) enables easy mounting and high reliability.

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 @ $T_A = 25^\circ C$ unless otherwise specified

Item	Symbol	Value	Unit
Peak reverse voltage	V_{RM}^{*1}	250	V
Reverse voltage	V_R	200	V
Peak forward current	I_{FM}	625	mA
Non-Repetitive peak forward surge current	I_{FSM}^{*2}	1	A
Average forward current	I_O	150	mA
Power dissipation	P_d	400	mW
Junction temperature	T_j	200	$^\circ C$
Storage temperature	T_{stg}	-65 to +175	$^\circ C$

Notes: 1. Reverse voltage in excess of peak reverse voltage may deteriorate electrical characteristic.
2. Within 1s forward surge current.

Electrical Characteristics ($T_A = 25^\circ C$)

Item	Symbol	Min	Typ	Max	Unit	Test Condition
Forward voltage	V_F	—	—	1.0	V	$I_F = 100mA$
Reverse current	I_{R1}	—	—	0.2	μA	$V_R = 200V$
	I_{R2}	—	—	100		$V_R = 250V$
Capacitance	C	—	1.5	—	pF	$V_R = 0V, f = 1MHz$
Reverse recovery time	t_{rr}	—	—	100	ns	$I_F = I_R = 30mA, I_{rr} = 3mA, R_L = 100\Omega$

