

Features

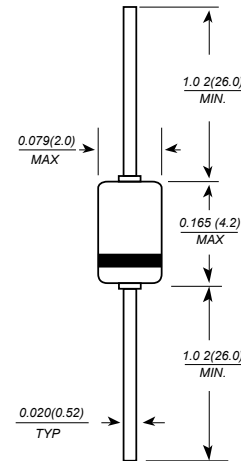
- High switching speed: max. 4 ns
- Continuous reverse voltage: max. 80 V
- Repetitive peak reverse voltage: max. 90 V

Mechanical Data

- Case: DO-35, glass case
- Polarity: Color band denotes cathode
- Weight: 0.005 ounces, 0.14 grams



DO-35(GLASS)



Dimensions in millimeters

Maximum Ratings @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Characteristic	Symbol	Value	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	90	V
Maximum Continuous Reverse Voltage	V_{RM}	80	V
Maximum Average Forward Current	I_F	100	mA
Maximum Peak Forward Current	I_{FM}	300	mA
Maximum Power Dissipation	P_D	300	mW
Maximum Non-repetitive Peak Forward Current	I_{FSM}	1.0	A

Electrical Characteristics ($T_A = 25^\circ\text{C}$ unless otherwise noted)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Reverse Current	I_R	$V_R = 80\text{ V}$	-	-	0.5	μA
Forward Voltage	V_F	$I_F = 100\text{ mA}$	-	-	1.2	V
Capacitance between terminals	C_T	$f = 1\text{ MHz} ; V_R = 0.5\text{ V}$	-	-	3.0	pF
Reverse Recovery Time	T_{rr}	$I_F = 10\text{ mA} , V_R = 6\text{ V}$ $R_L = 50\ \Omega$	-	-	4.0	ns