

Features

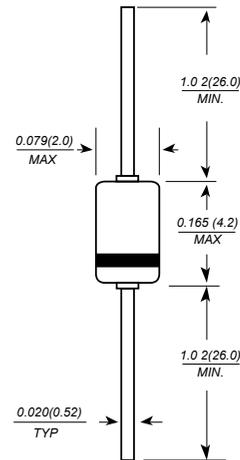
- High switching speed: max. 4 ns
- Continuous reverse voltage: max. 50 V
- Repetitive peak reverse voltage: max. 55 V

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°C unless otherwise specified

Characteristic	Symbol	Value	Unit
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	55	V
Maximum Continuous Reverse Voltage	V _{RM}	50	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°C unless otherwise noted)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Reverse Current	I _R	V _R = 50 V	-	-	0.5	μA
Forward Voltage	V _F	I _F = 100 mA	-	-	1.2	V
Capacitance between terminals	C _T	f = 1MHz ; V _R = 0.5 V	-	-	3.0	pF
Reverse Recovery Time	T _{rr}	I _F = 10 mA , V _R = 6 V R _L = 50 Ω	-	-	4.0	ns