

Features

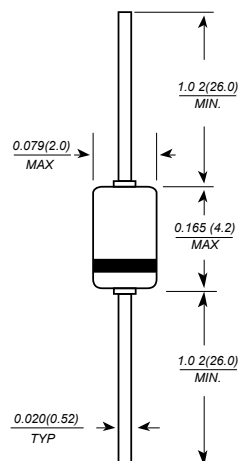
- High switching speed: max. 6 ns
- Continuous reverse voltage: max. 30 V
- Repetitive peak reverse voltage: max. 35 V

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 Thermal Characteristics (Rating at 25 °C ambient temperature unless otherwise specified.)

Characteristic	Symbol	Value	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	35	V
Maximum Continuous Reverse Voltage	V_{RM}	30	V
Maximum Continuous Forward Current	I_F	120	mA
Maximum Forward Current	I_{FM}	360	mA
Maximum Power Dissipation	P_D	300	mW
Maximum Non-repetitive Peak Forward Current	I_{FSM}	0.5	A
Maximum Junction Temperature	T_J	175	°C
Storage Temperature Range	T_S	-65 to + 200	°C

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

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Reverse Current	I_R	$V_R = 30 \text{ V}$	-	-	0.5	μA
Forward Voltage	V_F	$I_F = 100 \text{ mA}$	-	-	1.3	V
Diode Capacitance	C_d	$f = 1\text{MHz} ; V_R = 0$	-	-	3.0	pF
Reverse Recovery Time	T_{rr}	$I_F = 10 \text{ mA to } I_R = 60 \text{ mA}$ $R_L = 100 \Omega ; \text{measured at } I_R = 1\text{mA}$	-	-	6	ns