

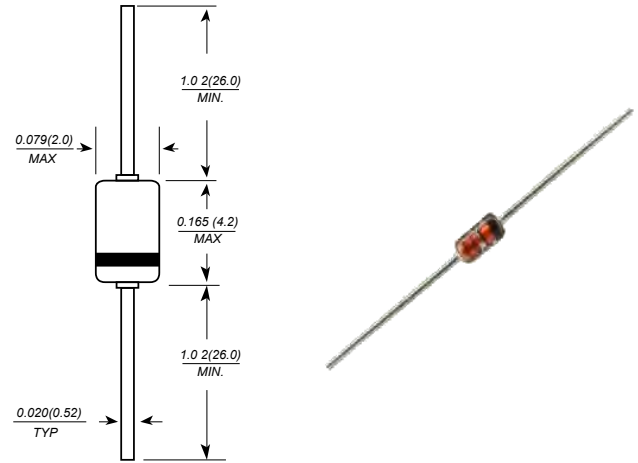
DO-35(GLASS)

Features

- Low forward voltage V_F
- Small temperature coefficient of forward characteristic
- Small reverse current I_R
- High-density mounting (5mm pitch insertion) is possible

Mechanical Data

- Case: DO-35, glass case
- Polarity: Color band denotes cathode
- Weight: 0.004 ounces, 0.13 grams



Dimensions in millimeters

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

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	20	V
Power Dissipation	P_{tot}	400 ¹⁾	mW
Peak Surge Current (Single Cycle 60 Hz Sine Wave)	I_{FSM}	15	A
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_S	- 55 to + 175	$^\circ\text{C}$

¹⁾ Valid provided that electrodes are kept at ambient temperature.

Parameter	Symbol	Typ.	Max.	Unit
Forward Voltage at $I_F = 90 \text{ mA}$	V_F	-	1	V
Reverse Leakage Current at $V_R = 20 \text{ V}$	I_R	-	30	μA
Junction Capacitance at $V_R = 0 \text{ V}$, $f = 1 \text{ MHz}$	C_{tot}	50	-	pF
Reverse Recovery Time at $I_F = I_R = 5 \text{ mA}$ to 200 mA , recover to $0.1 I_R$	t_{rr}	10	-	ns