

Features

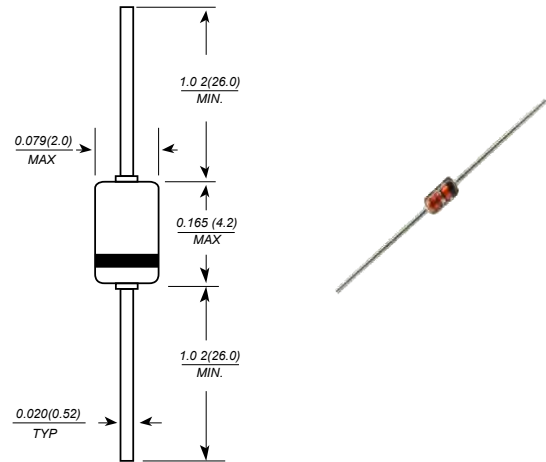
- Fast Switching
- High Reliability
- High Conductance

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

Absolute Maximum Ratings* T_A = 25°C unless otherwise noted

Symbol	Parameter	Value	Units
V _{RRM}	Maximum Repetitive Reverse Voltage	100	V
I _{F(AV)}	Average Rectified Forward Current	200	mA
I _{FSM}	Non-repetitive Peak Forward Surge Current Pulse Width = 1.0 second Pulse Width = 1.0 microsecond	1.0	A
		4.0	A
T _{stg}	Storage Temperature Range	-65 to +200	°C
T _J	Operating Junction Temperature	175	°C

Thermal Characteristics

Symbol	Parameter	Value	Units
P _D	Power Dissipation	500	mW
R _{θJA}	Thermal Resistance, Junction to Ambient	300	°C/W

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min	Max	Units
V _R	Breakdown Voltage	I _R = 100 μA	100		V
V _F	Forward Voltage	I _F = 20 mA		1.0	V
I _R	Reverse Current	V _R = 20 V		25	nA
		V _R = 20 V, T _A = 150°C		50	μA
C _T	Total Capacitance	V _R = 0, f = 1.0 MHz		4	pF
t _{rr}	Reverse Recovery Time	I _F = 10 mA, V _R = 6 V, R ^L = 100 Ω, I = 1.0 mA		4	ns