

Features

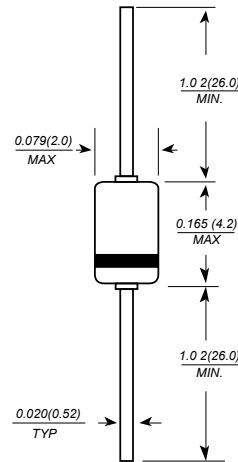
- Low capacitance
- Short reverse recovery time
- High reliability

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 Electrical Characteristics @ T_A = 25°C unless otherwise specified

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V _{RM}	70	V
Reverse Voltage	V _R	60	V
Average Forward Current	I _O	150	mA
Peak Forward Current	I _{FM}	450	mA
Non-Repetitive Peak Forward Surge Current (1 s)	I _{FSM}	1	A
Power Dissipation	P _{tot}	250	mW
Junction Temperature	T _J	175	°C
Storage Temperature Range	T _s	- 65 to + 175	°C
Parameter	Symbol	Max.	Unit
Forward Voltage at I _F = 10 mA	V	0.8	V
Reverse Current at V _R = 60 V	I _R	1	μA
Capacitance between Terminals at V _R = 1 V, f = 1 MHz	C _T	3	pF
Reverse Recovery Time at I _F = 10 mA, V _R = 6 V, R _L = 50 Ω	t _{rr}	3.5	ns

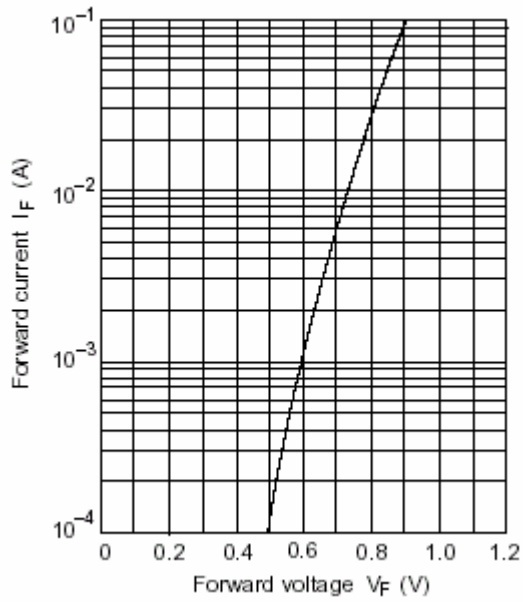


Fig.1 Forward current Vs. Forward voltage

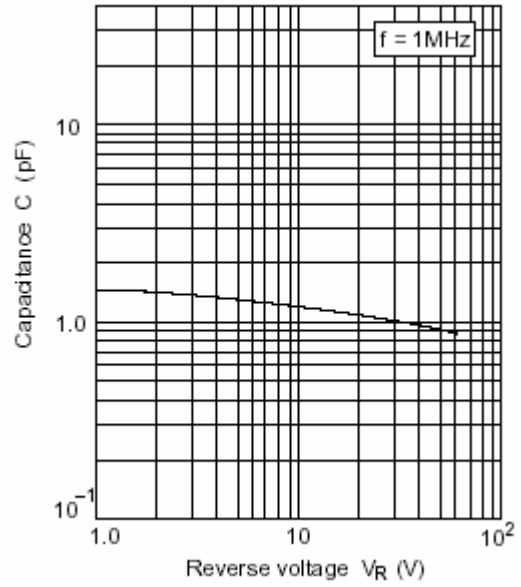


Fig.2 Capacitance Vs. Reverse voltage