

VOLTAGE RANGE: 40V
CURRENT: 100mA

Features

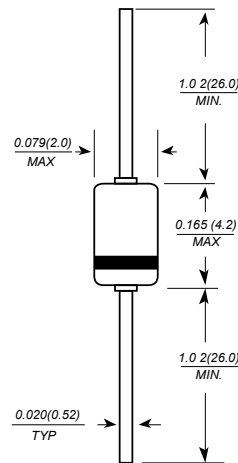
- Low forward rise voltage (V_F)
- Small pitch enables insertion on PCBs
- Glass sealed envelope for high reliability

Mechanical Data

- Case: DO-35 glass case
- Polarity: Color band denotes cathode end
- Weight: Approx. 0.13 gram



DO-35(GLASS)



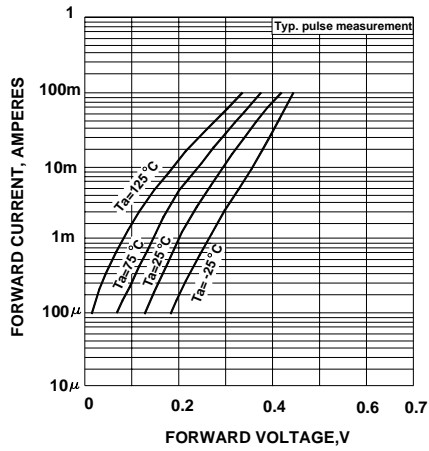
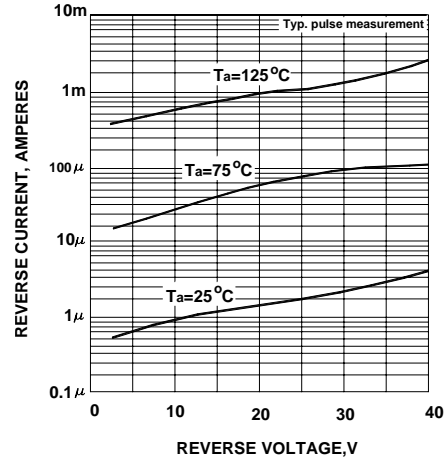
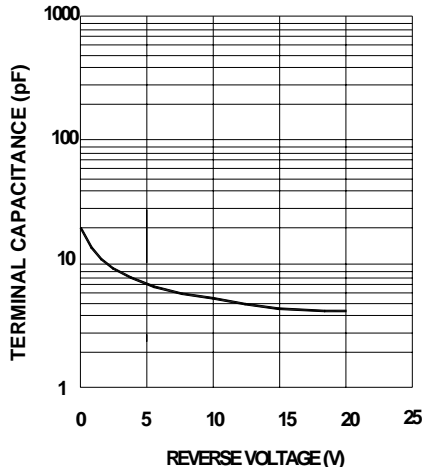
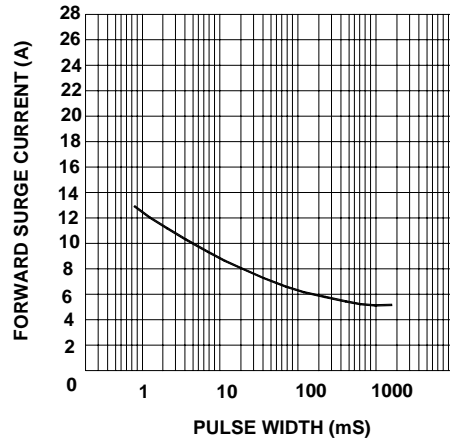
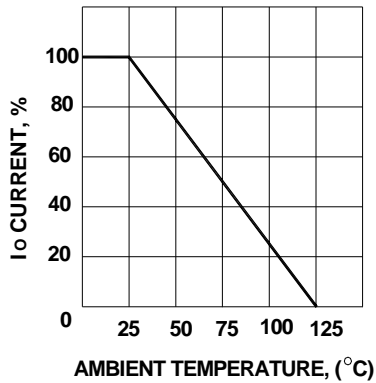
Dimensions in millimeters

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

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	40	V
Reverse Voltage	V_R	40	V
Mean Rectifying Current	I_O	100	mA
Peak Forward Surge Current	I_{FSM}	1	A
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_S	- 40 to + 125	$^\circ\text{C}$

Characteristics at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Typ.	Max.	Unit
Forward Voltage at $I_F = 10\text{ mA}$ at $I_F = 100\text{ mA}$	V_F	- -	0.34 0.55	V
Reverse Current at $V_R = 40\text{ V}$	I_R	-	100	μA
Terminal Capacitance at $V_R = 10\text{ V}$, $f = 1\text{ MHz}$	C_T	6	-	pF

FORWARD CHARACTERISTICS

REVERSE CHARACTERISTICS

TERMINAL CAPACITANCE CHARACTERISTICS

FORWARD SURGE CURRENT CHARACTERISTIC

**DERATING CURVE
(mounting on glass epoxy PCBs)**

**MEAN RECTIFYING CURRENT
CHARACTERISTICS**
