

## FAST RECOVERY DIODE

### Features

- Ultra small package, possible for 5mm pitch automatic insertion.
- High speed switching.
- High reliability.

### Applications

- High speed switching.

### Maximum Ratings and Characteristics

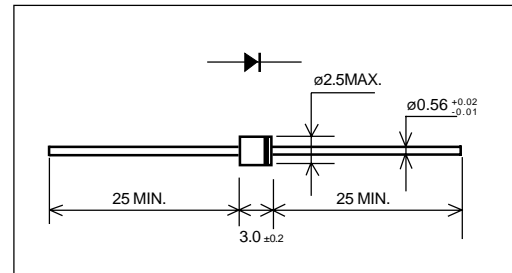
- Absolute Maximum Ratings

Item	Symbol	Conditions	Rating			Unit
			- 2	- 4	- 6	
Repetitive peak reverse voltage	$V_{RRM}$		200	400	600	V
Repetitive peak surge reverse voltage	$V_{RSM}$		200	400	600	V
Average output current	$I_O$	Resistive load $T_I=138^{\circ}\text{C}$	1.0			A
Suege current	$I_{FSM}$	Sine wave 10ms	25			A
Operating junction temperature	$T_j$		-40 to +150			$^{\circ}\text{C}$
Storage temperature	$T_{stg}$		-40 to +150			$^{\circ}\text{C}$

- Electrical Characteristics ( $T_a=25^{\circ}\text{C}$  Unless otherwise specified)

Item	Symbol	Conditions	Max.	Unit
Forward voltage drop	$V_F$	$I_F=1.0\text{A}$	1.3	V
Reverse current	$I_R$	$V_R=V_{RRM}$	5.0	$\mu\text{A}$
Reverse recovery time	$t_{rr}$	$I_F=0.1\text{A}, I_R=0.1\text{A}, I_{rec}=0.01\text{A}$	0.4	$\mu\text{s}$

### Outline Drawings, mm



### Marking

