

# General Purpose Rectifier

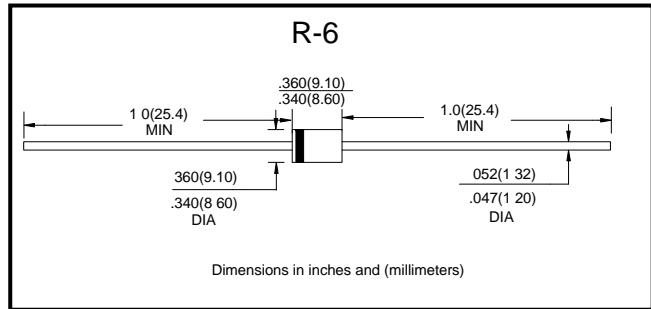
## ■ Features

- $I_o$  6A
- $V_{RRM}$  50V-1000V
- High surge current capability

## ■ Applications

- Rectifier

## ■ Outline Dimensions and Mark



## ■ Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	Conditions	6A						
				05	1	2	4	6	8	10
Repetitive Peak Reverse Voltage	$V_{RRM}$	V		50	100	200	400	600	800	1000
Average Forward Current	$I_{F(AV)}$	A	60Hz Half-sine wave, Resistance load, $T_a=50^\circ\text{C}$	6						
Surge(Non-repetitive)Forward Current	$I_{FSM}$	A	60Hz Half-sine wave, 1 cycle, $T_a=25^\circ\text{C}$	400						
Junction Temperature	$T_J$	$^\circ\text{C}$		-55~+150						
Storage Temperature	$T_{STG}$	$^\circ\text{C}$		-55 ~ +150						

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

Item	Symbol	Unit	Test Condition		Max
Peak Forward Voltage	$V_{FM}$	V	$I_{FM}=6.0\text{A}$		1.1
Peak Reverse Current	$I_{RRM1}$	$\mu\text{A}$	$V_{RM}=V_{RRM}$	$T_a=25^\circ\text{C}$	10
	$I_{RRM2}$			$T_a=125^\circ\text{C}$	100

## ■ Characteristics(Typical)

