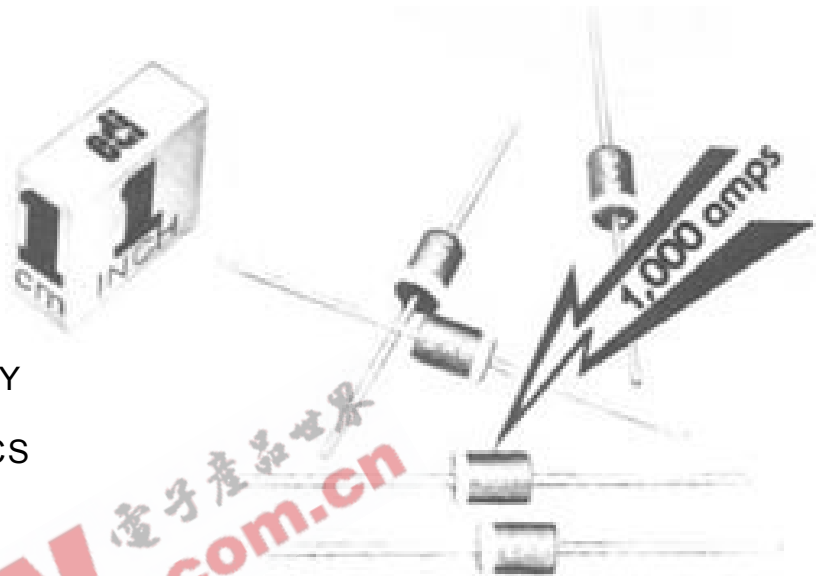




ZAB

## 6 AMPERE AXIAL LEAD RECTIFIERS HIGH SURGE

- PRV TO 1,000 VOLTS
- 6 AMP RATING
- 1000 AMP SURGE
- HIGH TEMPERATURE STABILITY
- HIGH SURGE CAPABILITY
- AVALANCHE CHARACTERISTICS



PRV	50V	100V	200V	400V	600V	800V	1000V
TYPE NO.	ZAB005	ZAB010	ZAB020	ZAB040	ZAB060	ZAB080	ZAB100

ELECTRICAL CHARACTERISTICS at $T_A=25^{\circ}\text{C}$ Unless Otherwise Specified	ZAB SERIES
Max. DC Reverse Current @ PRV and $25^{\circ}\text{C}$ , $I_R$	$5\mu\text{A}$
Max. DC Reverse Current @ PRV and $100^{\circ}\text{C}$ , $I_R$	$150\mu\text{A}$
Max. Forward Voltage Drop @ 6.0 Amps $V_F$	1.0Volts
Ambient Operating Temperature Range, $T_A$	$-55^{\circ}\text{C}$ to $+150^{\circ}\text{C}$
Storage Temperature Range, $T_{STG}$	$-55^{\circ}\text{C}$ to $+150^{\circ}\text{C}$
Max. One-Half Cycle Surge Current, $I_{FM}$ (Surge) @ 60Hz	1,000 Amps

EDI reserves the right to change these specifications at any time without notice.

FIG.1  
OUTPUT CURRENT vs AMBIENT TEMPERATURE

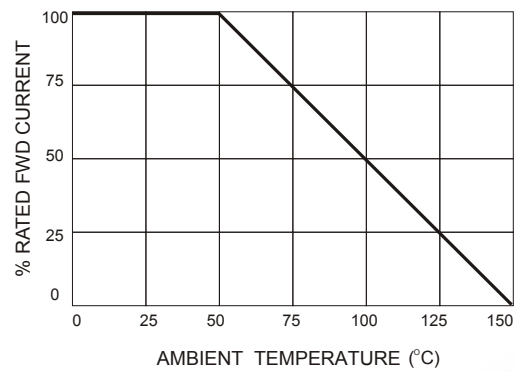


FIG.2  
NON-REPETITIVE SURGE CURRENT

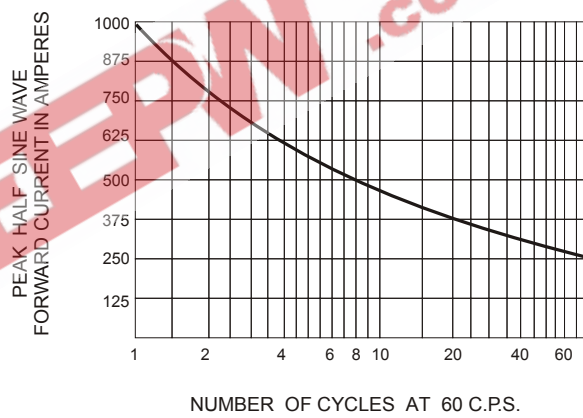
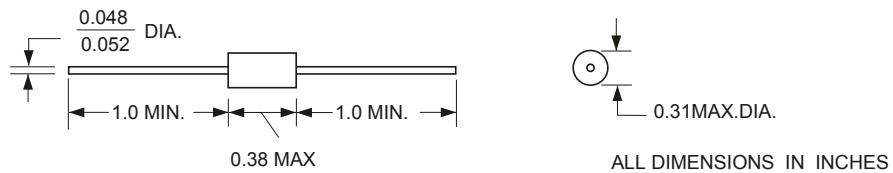


FIG.3



Maximum lead and terminal temperature for soldering, 3/8 inch form case, 5 seconds at 250 °C