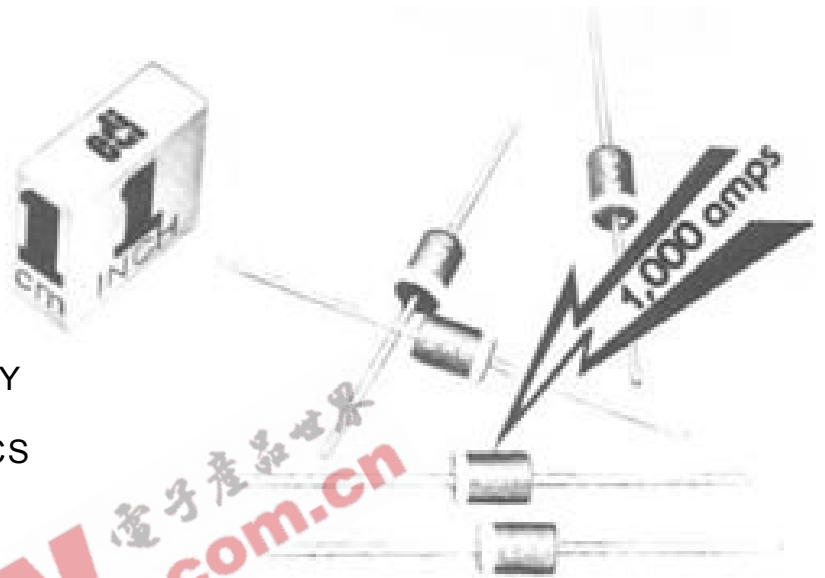




ZAB

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°C , I_R	$5\mu\text{A}$
Max. DC Reverse Current @ PRV and 100°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°C to $+150^{\circ}\text{C}$
Storage Temperature Range, T_{STG}	-55°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

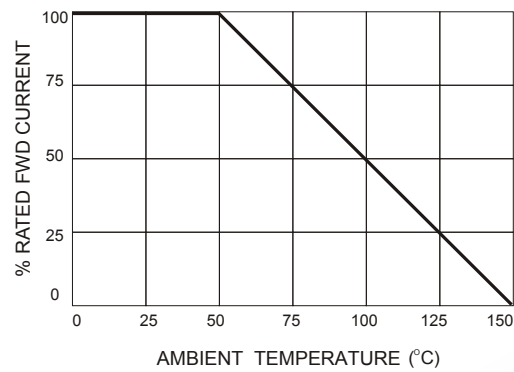


FIG.2
NON-REPETITIVE SURGE CURRENT

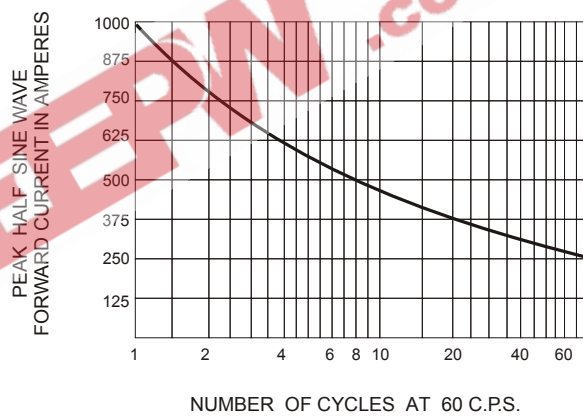
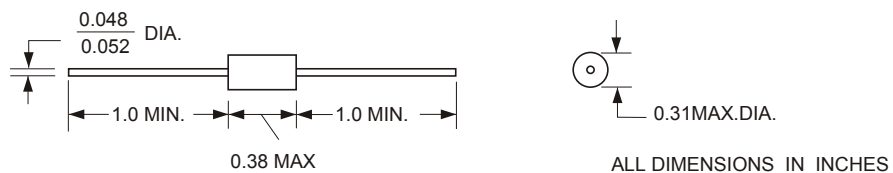


FIG.3



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