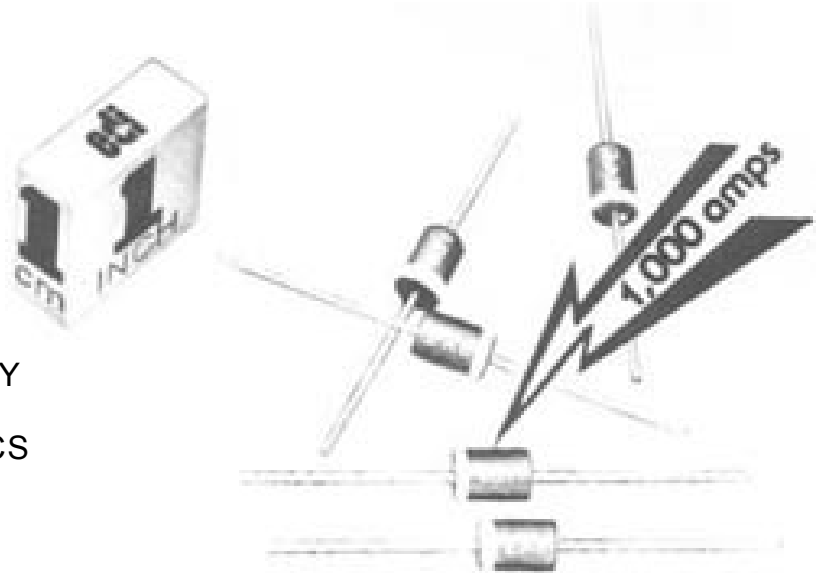




ZAB

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°C Unless Otherwise Specified | ZAB SERIES |
|---|-------------------|
| Max. DC Reverse Current @ PRV and 25°C, I _R | 5µA |
| Max. DC Reverse Current @ PRV and 100°C, I _R | 150µA |
| Max. Forward Voltage Drop @ 6.0 Amps V _F | 1.0Volts |
| Ambient Operating Temperature Range, T _A | -55 °C to +150 °C |
| Storage Temperature Range, T _{STG} | -55 °C to +150 °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

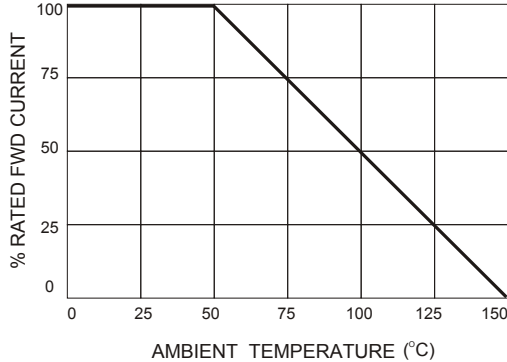


FIG.2
NON-REPETITIVE SURGE CURRENT

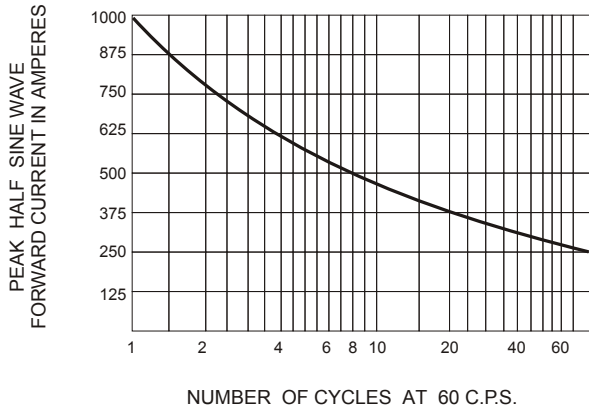
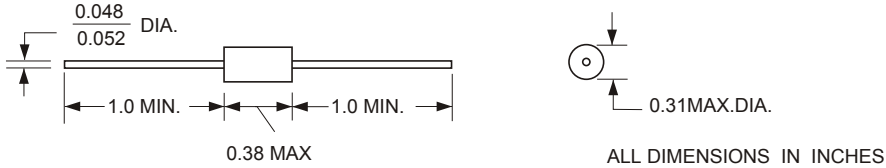


FIG.3



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