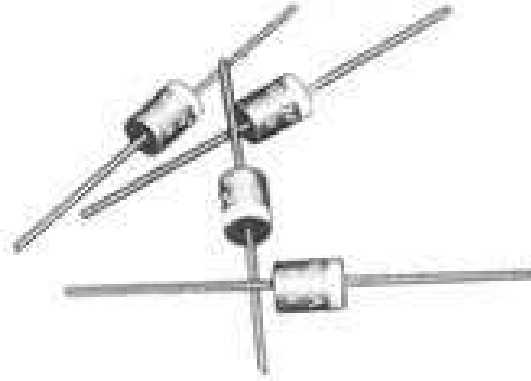




WAB

6 AMPERE AXIAL LEAD RECTIFIERS HIGH PERFORMANCE

- PRV TO 1,000 VOLTS
- HIGH TEMPERATURE STABILITY
- HIGH SURGE CAPABILITY
- AVALANCHE CHARACTERISTICS



| PRV | 50V | 100V | 200V | 400V | 600V | 800V | 1000V |
|----------|--------|--------|--------|--------|--------|--------|--------|
| TYPE NO. | WAB005 | WAB010 | WAB020 | WAB040 | WAB060 | WAB080 | WAB100 |

| ELECTRICAL CHARACTERISTICS at $T_A=25^{\circ}\text{C}$ Unless Otherwise Specified | WAB SERIES |
|---|---|
| Max. DC Reverse Current @ PRV and 25°C , I_R | 5 μA |
| Max. DC Reverse Current @ PRV and 100°C , I_R | 150 μA |
| Max. Forward Voltage Drop @ 6.0Amps, 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, $I_{FM}(\text{Surge})$ @ 60Hz | 400 Amps |

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

FIG.1
OUTPUT CURRENT vs AMBIENT TEMPERATURE

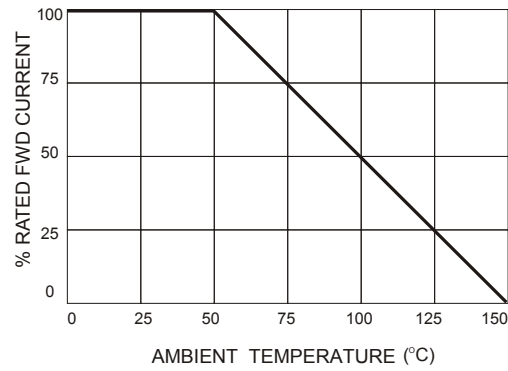


FIG.2
NON-REPETITIVE SURGE CURRENT

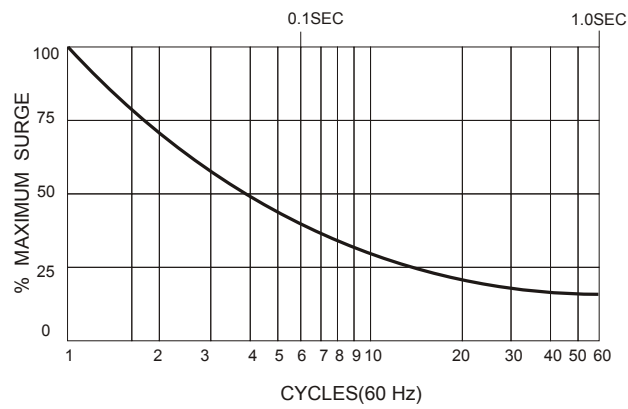
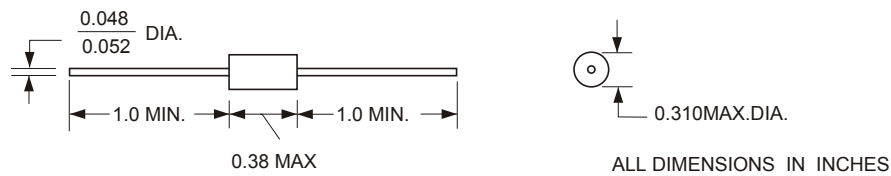


FIG.3



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