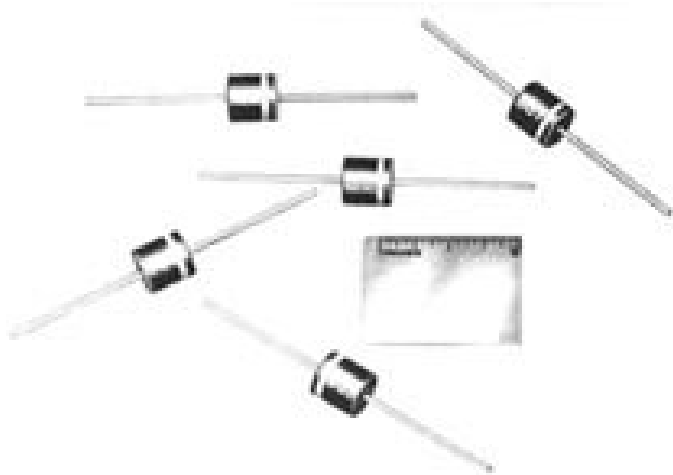




YAB

## 6 AMPERE AXIAL LEAD RECTIFIERS

- LOW COST
- PRV TO 1,000 VOLTS
- HIGH SURGE CAPABILITY
- AVALANCHE CHARACTERISTICS

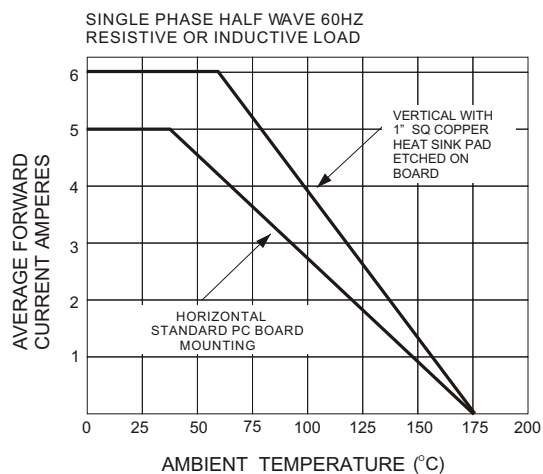


| PRV      | 50V    | 100V   | 200V   | 400V   | 600V   | 800V   | 1000V  |
|----------|--------|--------|--------|--------|--------|--------|--------|
| TYPE NO. | YAB005 | YAB010 | YAB020 | YAB040 | YAB060 | YAB080 | YAB100 |

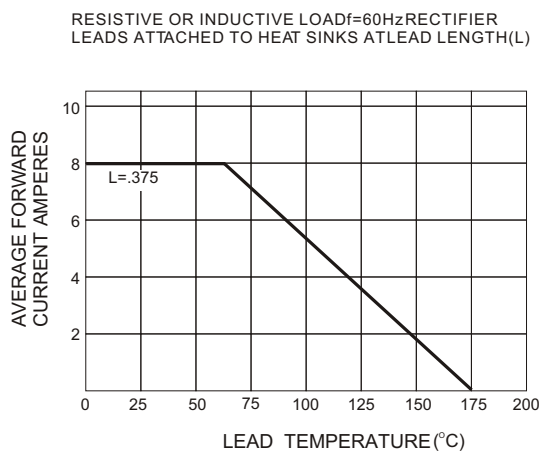
| ELECTRICAL CHARACTERISTICS at $T_A=25^{\circ}\text{C}$ Unless Otherwise Specified | YAB SERIES                                      |
|-----------------------------------------------------------------------------------|-------------------------------------------------|
| Max. DC Reverse Current @ PRV and $25^{\circ}\text{C}$ , $I_R$                    | 10 $\mu\text{A}$                                |
| Max. DC Reverse Current @ PRV and $100^{\circ}\text{C}$ , $I_R$                   | 250 $\mu\text{A}$                               |
| Max. Forward Voltage Drop @ 6.0Amps, $V_F$                                        | 1.2Volts                                        |
| 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, $I_{FM}(\text{Surge})$ @ 60Hz                  | 400 Amps                                        |

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

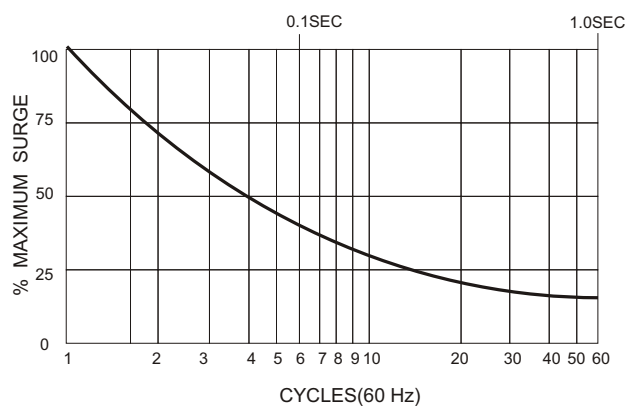
**FIG.1**  
OUTPUT CURRENT vs AMBIENT TEMPERATURE



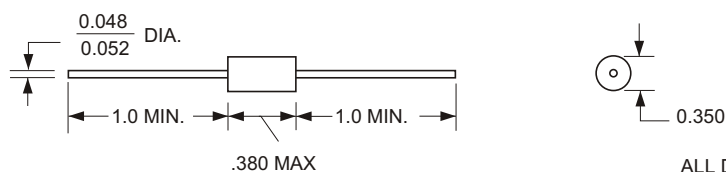
**FIG.2**  
OUTPUT CURRENT vs LEAD TEMPERATURE



**FIG.3**  
NON- REPETITIVE SURGE CURRENT



**FIG.4**  
DIMENSIONS



ALL DIMENSIONS IN INCHES

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