



YAB

## 6 AMPERE AXIAL LEAD RECTIFIERS

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

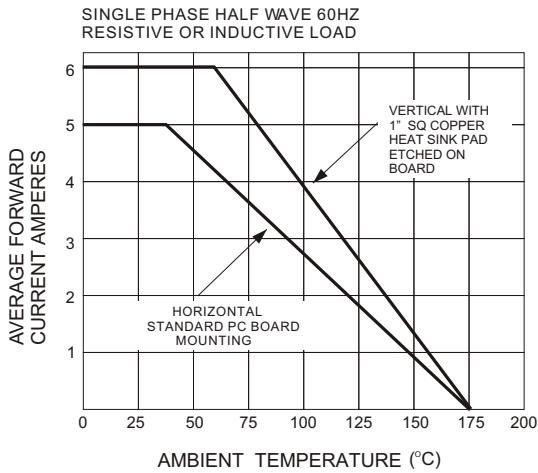


PRV	50V	100V	200V	400V	600V	800V	1000V
TYPE NO.	YAB005	YAB010	YAB020	YAB040	YAB060	YAB080	YAB100

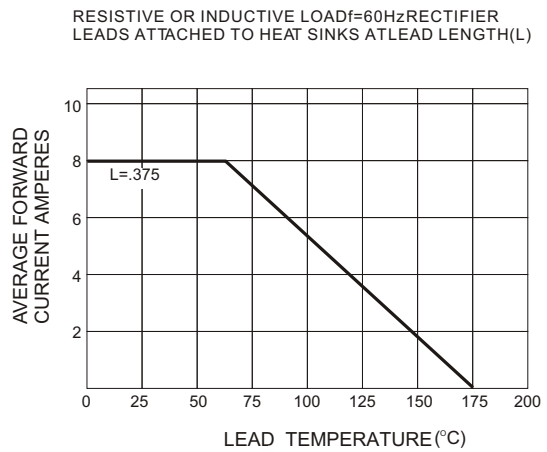
ELECTRICAL CHARACTERISTICS at $T_A=25^{\circ}\text{C}$ Unless Otherwise Specified	YAB SERIES
Max. DC Reverse Current @ PRV and $25^{\circ}\text{C}$ , $I_R$	10 $\mu\text{A}$
Max. DC Reverse Current @ PRV and $100^{\circ}\text{C}$ , $I_R$	250 $\mu\text{A}$
Max. Forward Voltage Drop @ 6.0Amps, $V_f$	1.2Volts
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.

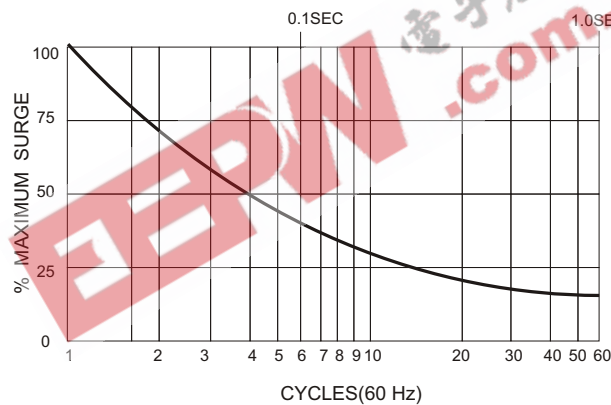
**FIG.1**  
OUTPUT CURRENT vs AMBIENT TEMPERATURE



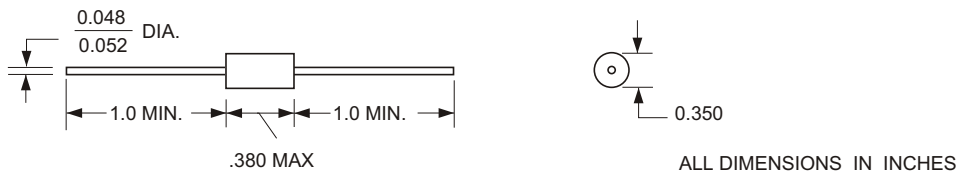
**FIG.2**  
OUTPUT CURRENT vs LEAD TEMPERATURE



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



**FIG.4**  
DIMENSIONS



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