



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°C , I_R	10 μA
Max. DC Reverse Current @ PRV and 100°C , I_R	250 μA
Max. Forward Voltage Drop @ 6.0Amps, V_F	1.2Volts
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

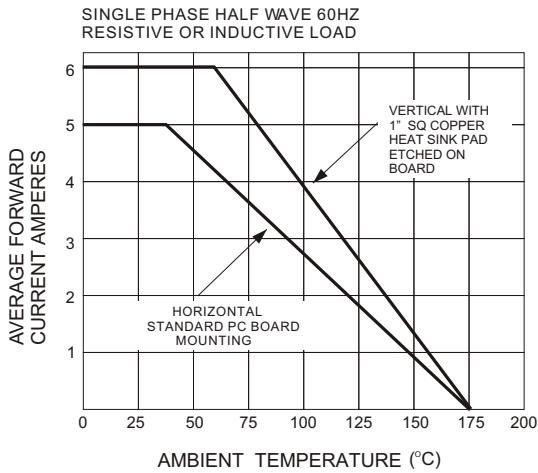


FIG.2
OUTPUT CURRENT vs LEAD TEMPERATURE

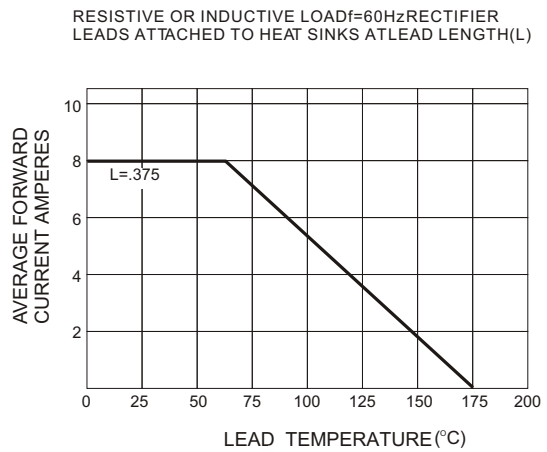


FIG.3
NON-REPETITIVE SURGE CURRENT

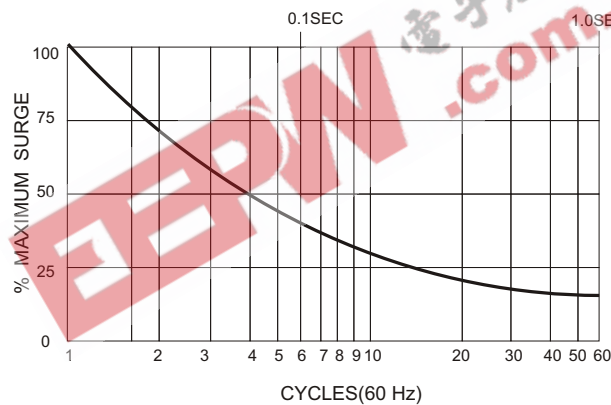
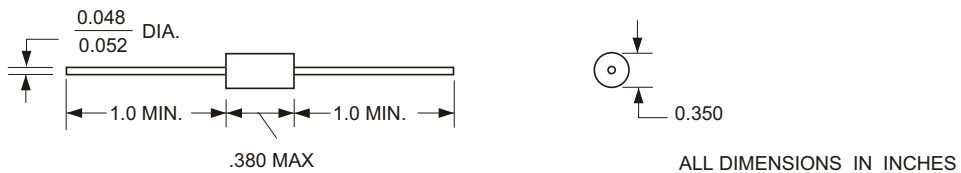


FIG.4
DIMENSIONS



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