



YAB

6 AMPERE AXIAL LEAD RECTIFIERS

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

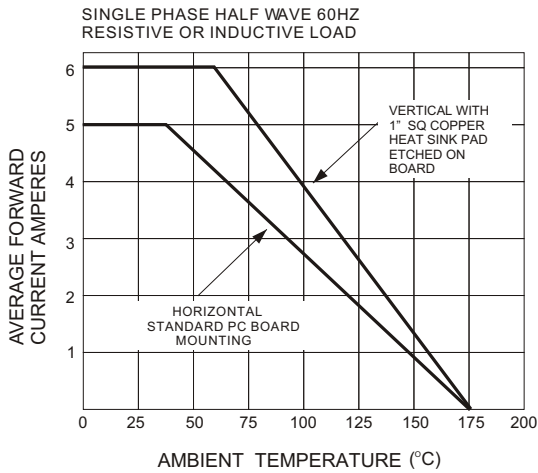


PRV	50V	100V	200V	400V	600V	800V	1000V
TYPE NO.	YAB005	YAB010	YAB020	YAB040	YAB060	YAB080	YAB100

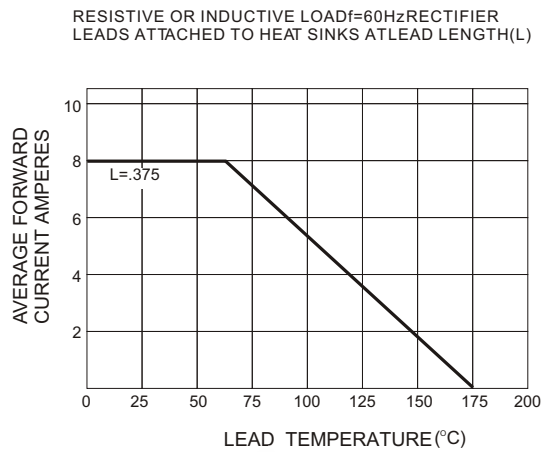
ELECTRICAL CHARACTERISTICS at T <sub>A</sub> =25°C Unless Otherwise Specified	YAB SERIES
Max. DC Reverse Current @ PRV and 25 °C, I <sub>R</sub>	10 μA
Max. DC Reverse Current @ PRV and 100°C, I <sub>R</sub>	250 μA
Max. Forward Voltage Drop @ 6.0Amps, V <sub>F</sub>	1.2Volts
Ambient Operating Temperature Range, T <sub>A</sub>	-55 °C to +150°C
Storage Temperature Range, T <sub>STG</sub>	-55 °C to +150°C
Max. One-half Cycle Surge Current, I <sub>FM</sub> (Surge) @ 60Hz	400 Amps

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

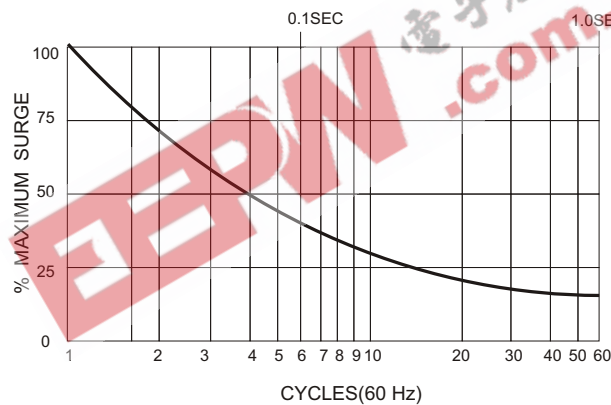
**FIG.1**  
OUTPUT CURRENT vs AMBIENT TEMPERATURE



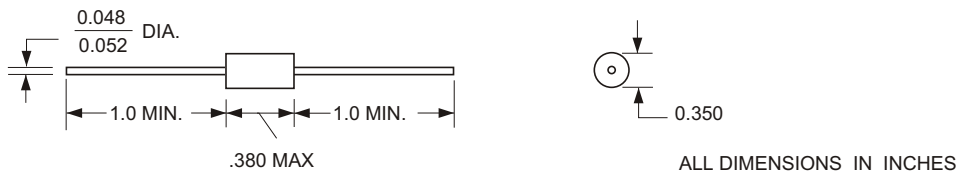
**FIG.2**  
OUTPUT CURRENT vs LEAD TEMPERATURE



**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

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