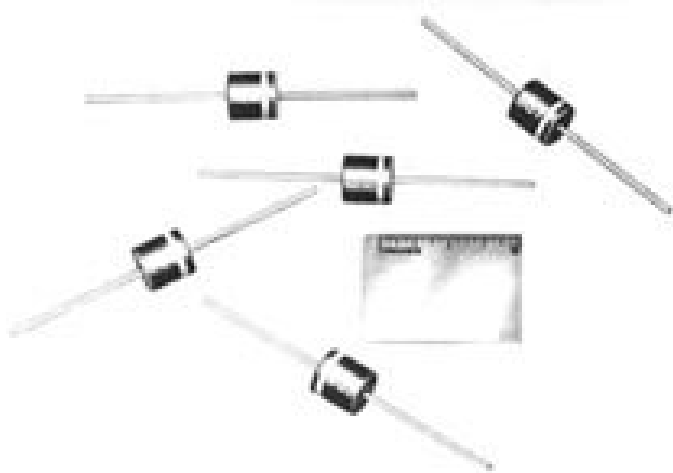




6 AMPERE AXIAL LEAD RECTIFIERS

- 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°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°C |
| Storage Temperature Range, T _{STG} | -55 °C to +150°C |
| Max. One-half Cycle Surge Current, I _{FM} (Surge) @ 60Hz | 400 Amps |

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

FIG.1
OUTPUT CURRENT vs AMBIENT TEMPERATURE

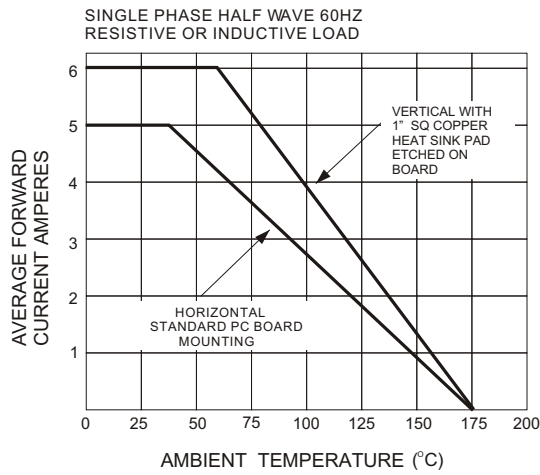


FIG.2
OUTPUT CURRENT vs LEAD TEMPERATURE

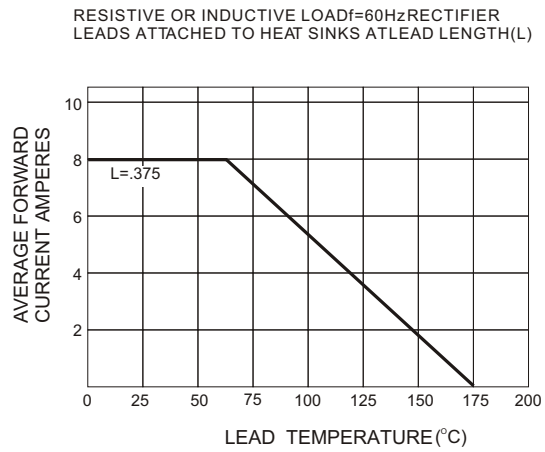


FIG.3
NON-REPETITIVE SURGE CURRENT

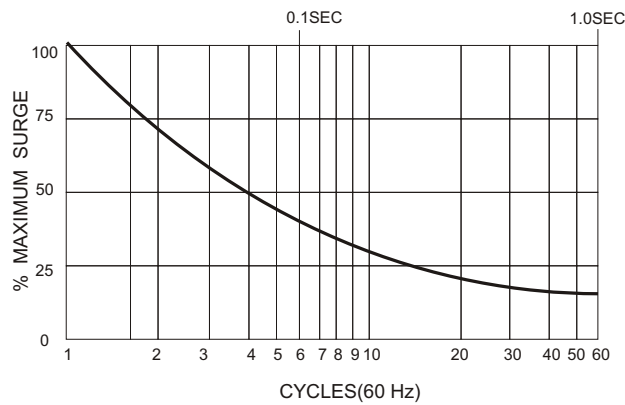
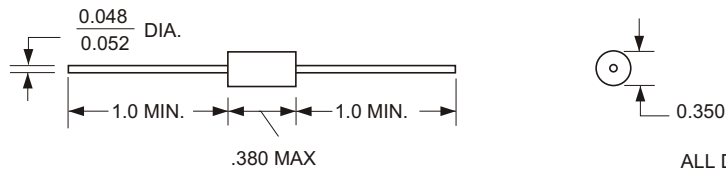


FIG.4
DIMENSIONS



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