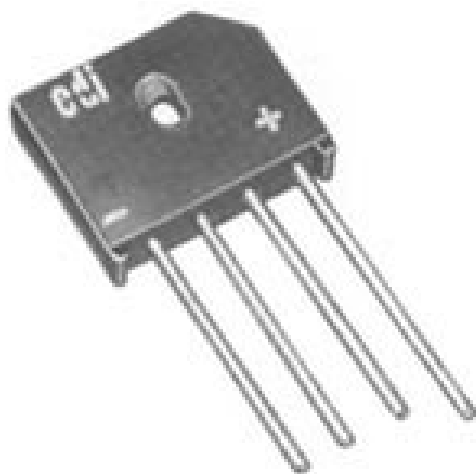




4PH

SINGLE-PHASE FULL WAVE BRIDGE 4 AMPERES FOR P.C. BOARD AND HEAT SINK MOUNTING



This mark indicates recognition under the component program of Underwriters Laboratories, inc.

| PRV/Leg | 50V | 100V | 200V | 400V | 600V | 800V | 1000V |
|----------|-------|-------|-------|-------|-------|-------|--------|
| Type No. | 4PH05 | 4PH10 | 4PH20 | 4PH40 | 4PH60 | 4PH80 | 4PH100 |

ELECTRICAL CHARACTERISTICS PER LEG (at $T_A=25^\circ\text{C}$ Unless Otherwise Specified)

| | | |
|--|-------------|------------------|
| Average Output Current, I_o @ 65°C T_c (Fig.1) | 4 | Amp |
| Max.Forward Voltage Drop, $V_F = 1.0V$ @ $I_F =$ | 2.5 | Amp |
| Max.DC Reverse Current @ PRV, and 25°C , I_R | 10 | μA |
| Max.DC Reverse Current @ PRV, and 100°C , I_R | 300 | μA |
| Max.Peak Surge Current, I_{FSM} (8.3ms) (Fig.2) | 150 | Amp |
| Ambient Operating Temperature Range, T_A | -55 to +150 | $^\circ\text{C}$ |
| Storage Temperature Range, T_{STG} | -55 to +150 | $^\circ\text{C}$ |

Note 1: Derate I_o by 20% for capacitive loads

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

FIG.1
CURRENT DERATING

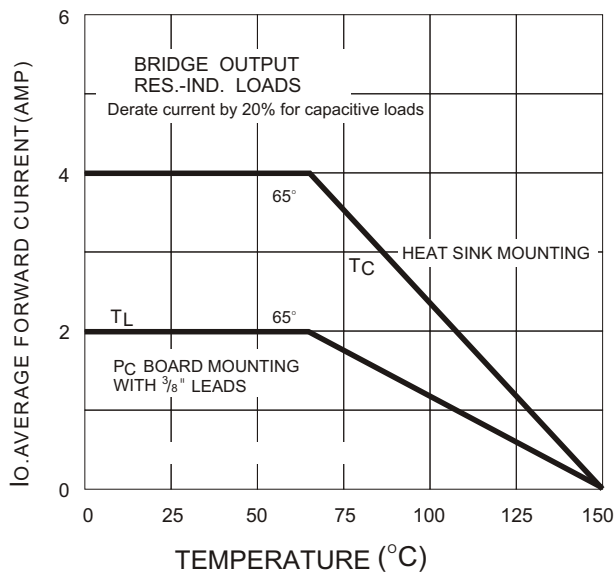


FIG.2
NON-REPETITIVE SURGE CURRENT

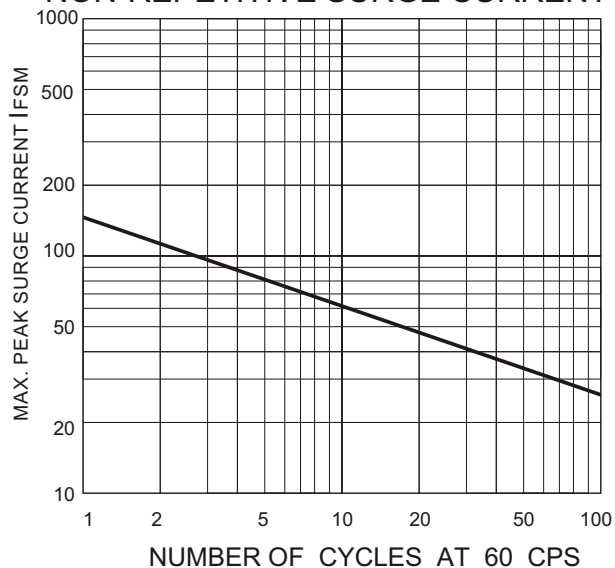
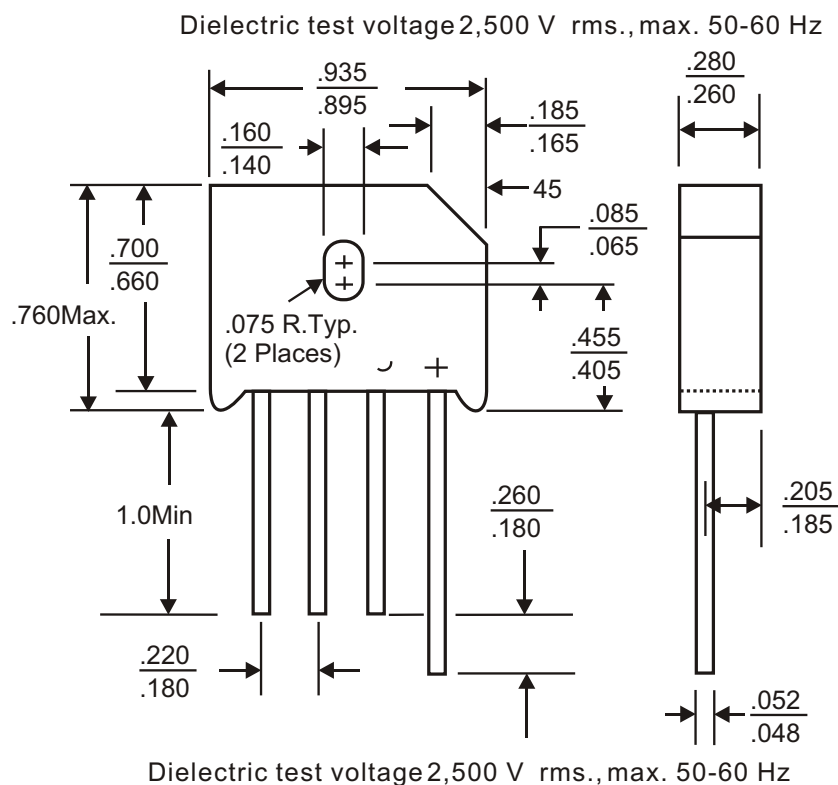


FIG.3
MECHANICAL
CASE STYLE FOR 4PH



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

ELECTRONIC DEVICES, INC. DESIGNERS AND MANUFACTURERS OF SOLID STATE DEVICES SINCE 1951.

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