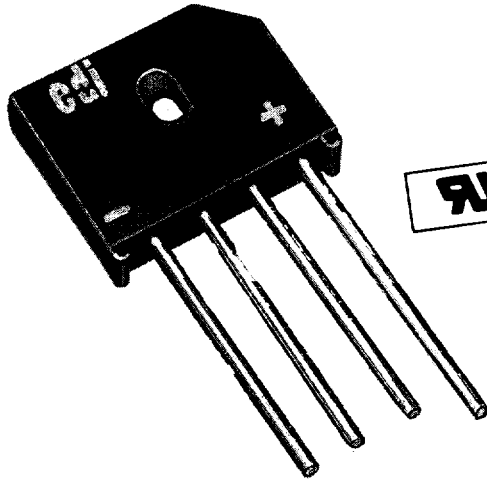



SINGLE-PHASE FULL WAVE BRIDGE

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, $V_F = 1.0V = I_O @ I_F =$	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

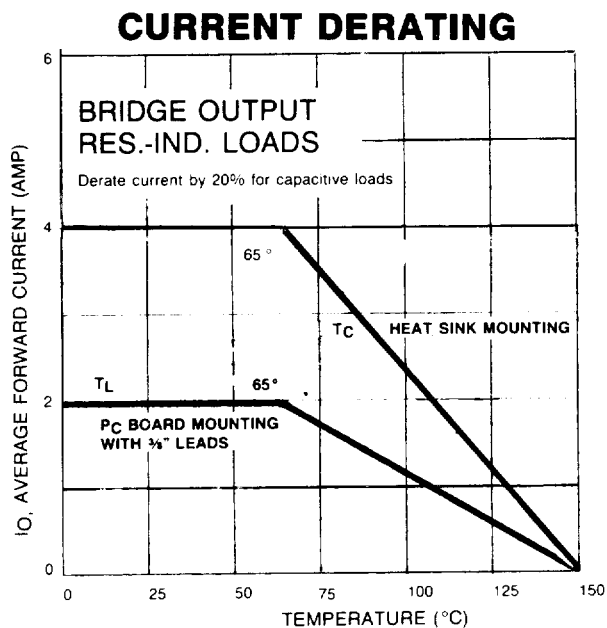


FIG. 2

NON-REPETITIVE SURGE CURRENT

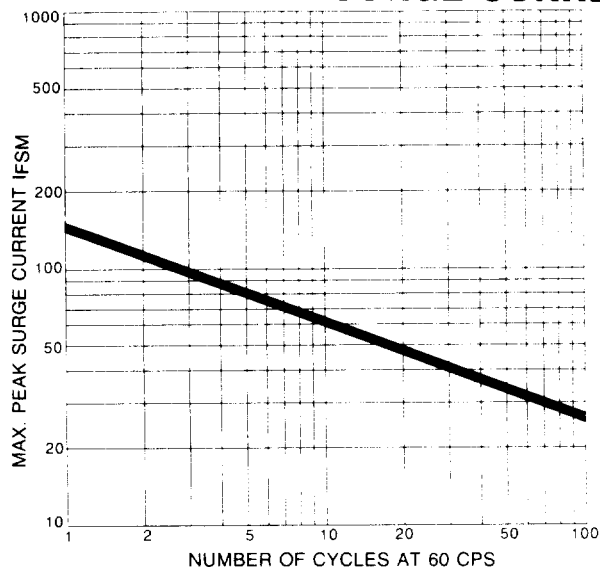
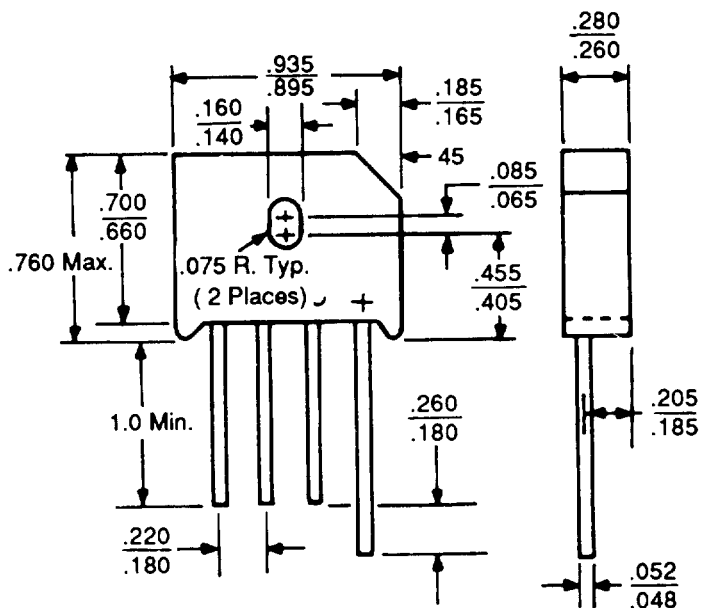


FIG. 3

MECHANICAL

CASE STYLE FOR 4PH

Dielectric test voltage 2,500 volts, rms., max. 50-60 Hz



NOTE Maximum lead and terminal temperature for soldering, $\frac{3}{8}$ inch from case, 5 seconds at 250°C.