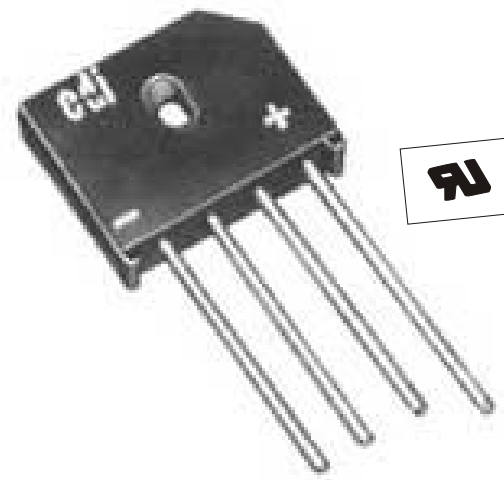
6PH

SINGLE-PHASE FULL WAVE BRIDGE
6 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.	6PH05	6PH10	6PH20	6PH40	6PH60	6PH80	6PH100

ELECTRICAL CHARACTERISTICS PER LEG
(at T_A=25 °C Unless Otherwise Specified)

Average Output Current, Io @ 65 °C Tc (Fig.1)	6	Amp
Max.Forward Voitage 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.Perk Surge Current, I_{FSM} (8.3ms) (Fig.2)	250	Amp
Ambient Operating Temperature Range, T_A	-55 to +150	°C
Storage Temperature Range, T_{STG}	-55 to +150	°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

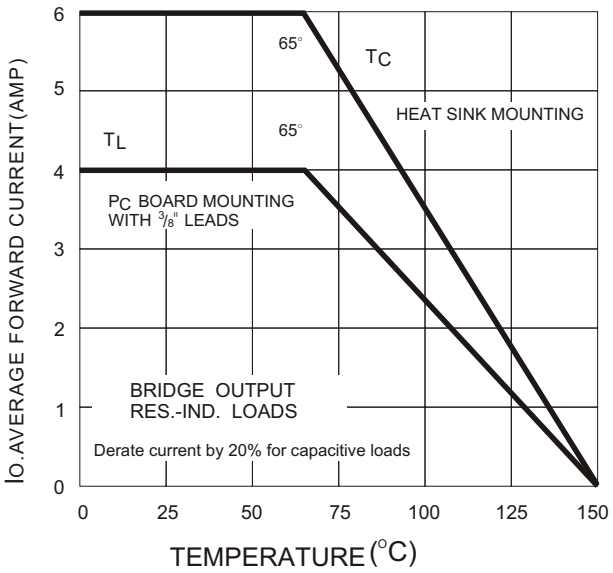


FIG.2
NON-REPETITIVE SURGE CURRENT

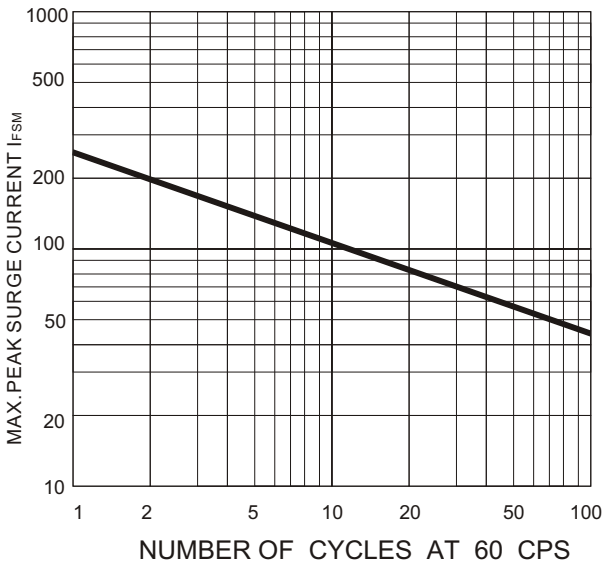
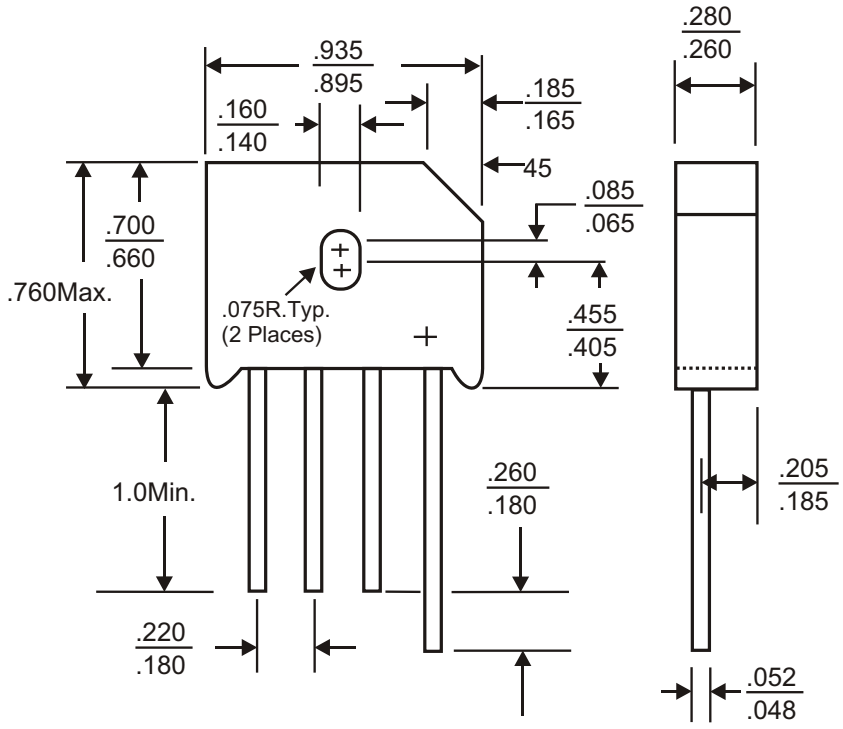


FIG.3
CASE STYLE FOR 6PH



Dielectric test voltage 2,500 V rms., Max. 50-60Hz

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

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21 GRAY OAKS AVENUE * YONKERS. NEW YORK 10710 914-965-4400 * FAX 914-965-5531 * 1-800-678-0828
e-mail:sales@edidiodes.com * website: http://www.edidiodes.com