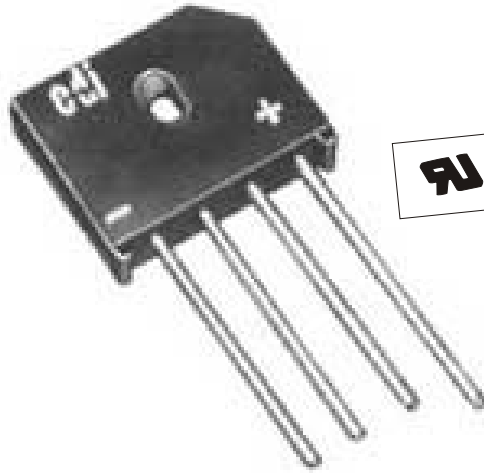




6PH

**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

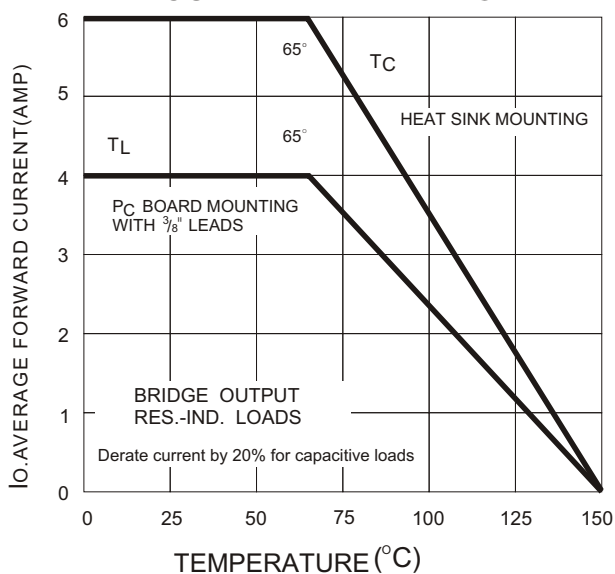
**ELECTRICAL CHARACTERISTICS PER LEG
(at T_A=25 °C Unless Otherwise Specified)**

Average Output Current, I _o @ 65 °C T _c (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

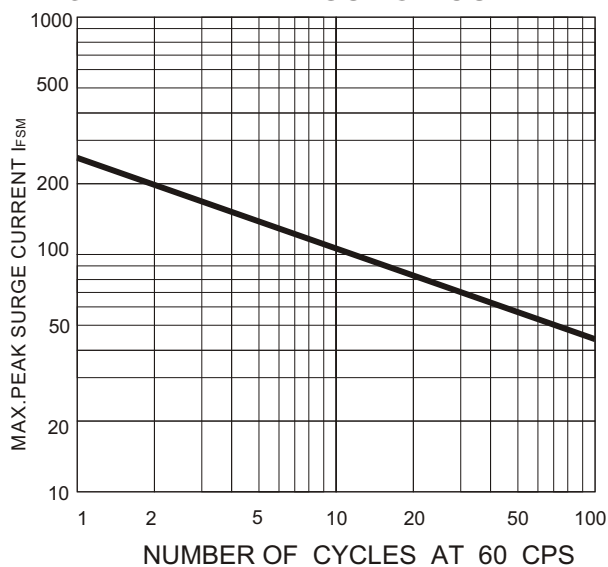
Note 1: Derate I_o by 20% for capacitive loads

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

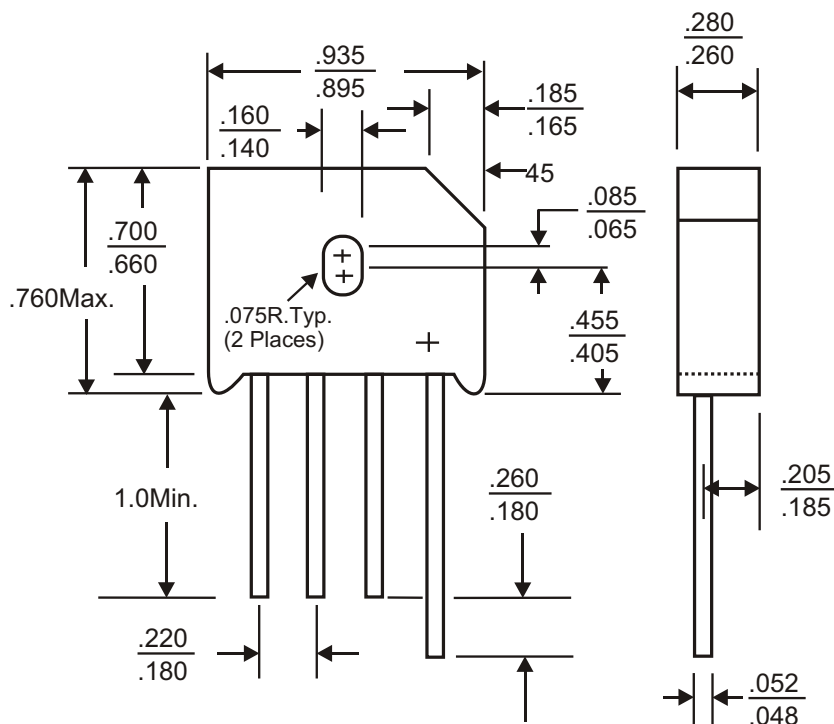
**FIG.1
CURRENT DERATING**



**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 °C