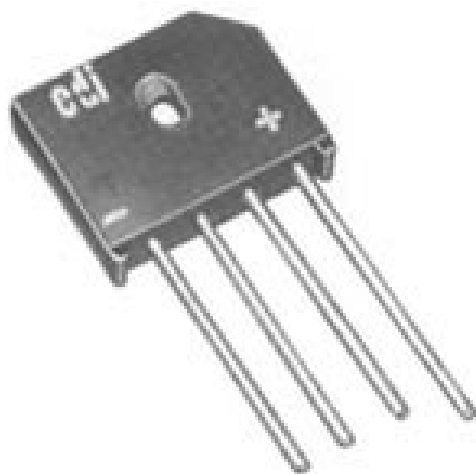




4PH

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

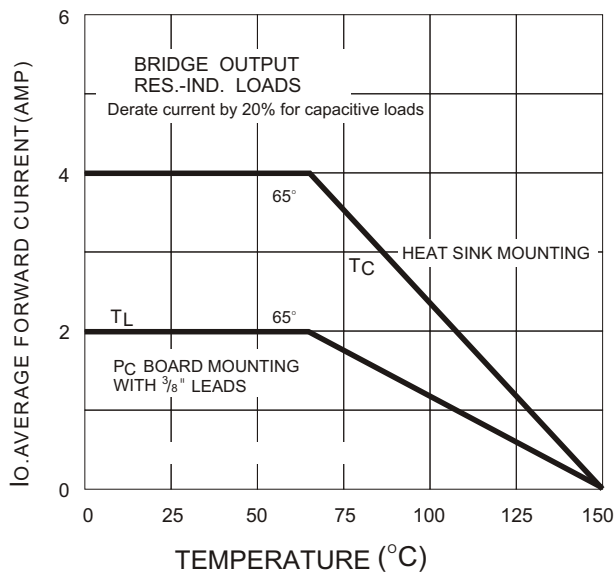


FIG.2
NON-REPETITIVE SURGE CURRENT

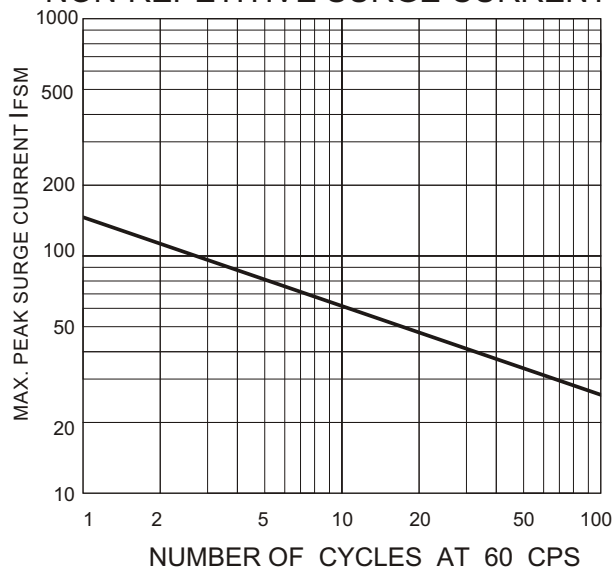
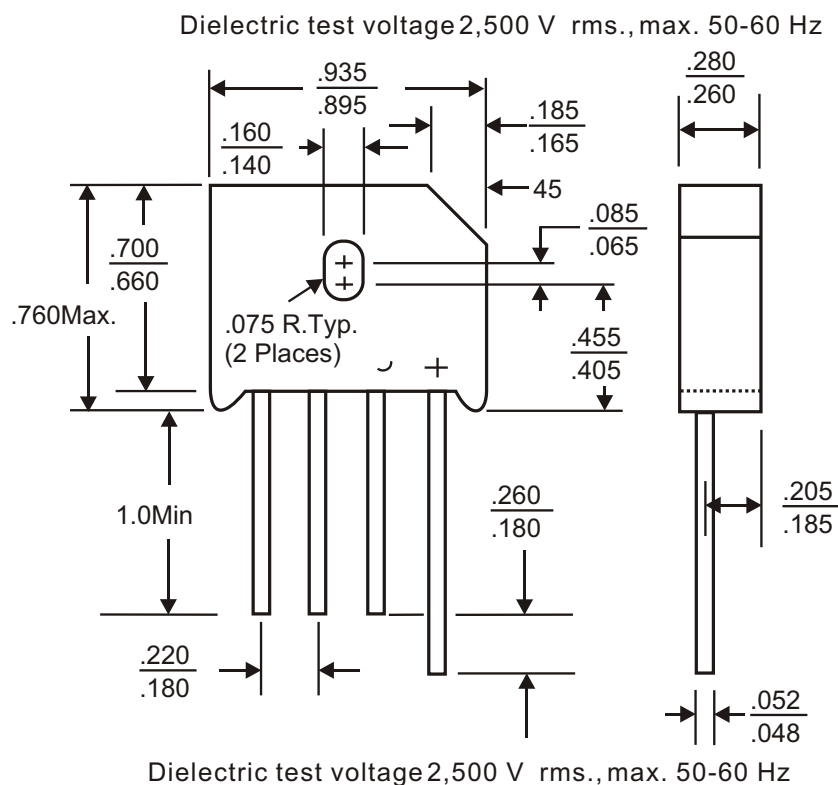


FIG.3
MECHANICAL
CASE STYLE FOR 4PH



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.

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