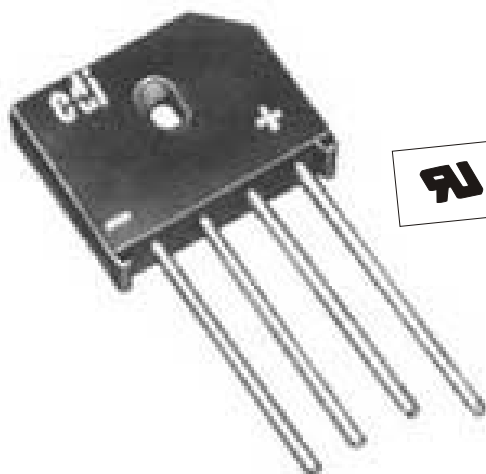




6PHR

**FAST RECOVERY
SINGLE-PHASE FULL WAVE BRIDGE
6 AMPERES
FOR P.C. BOARD AND HEAT SINK MOUNTING
200 NANOSECOND FAST RECOVERY**



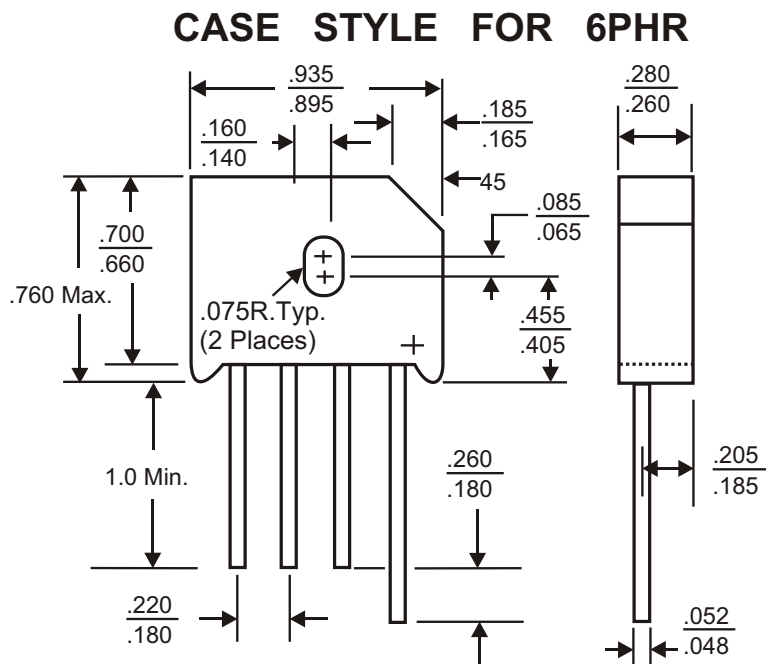
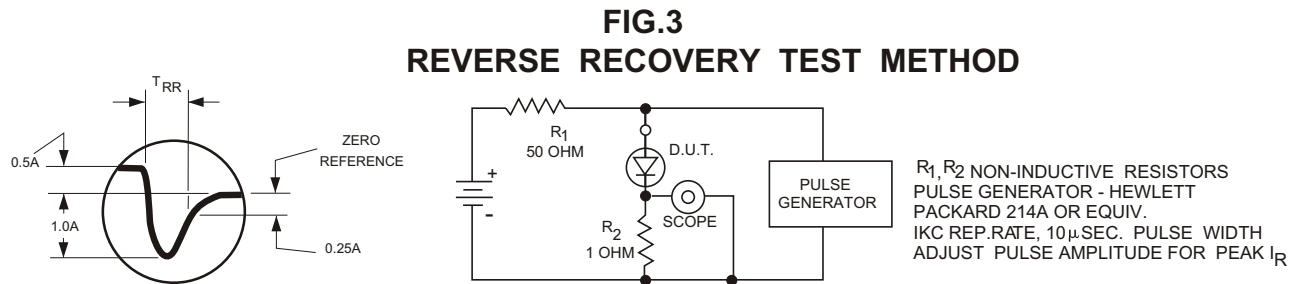
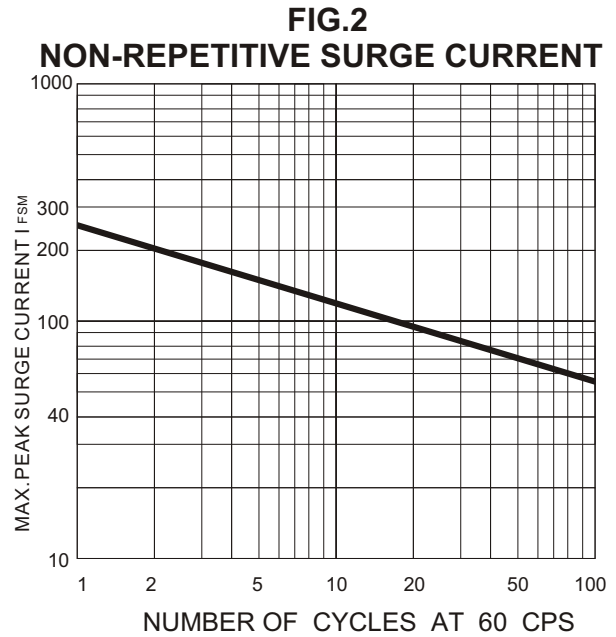
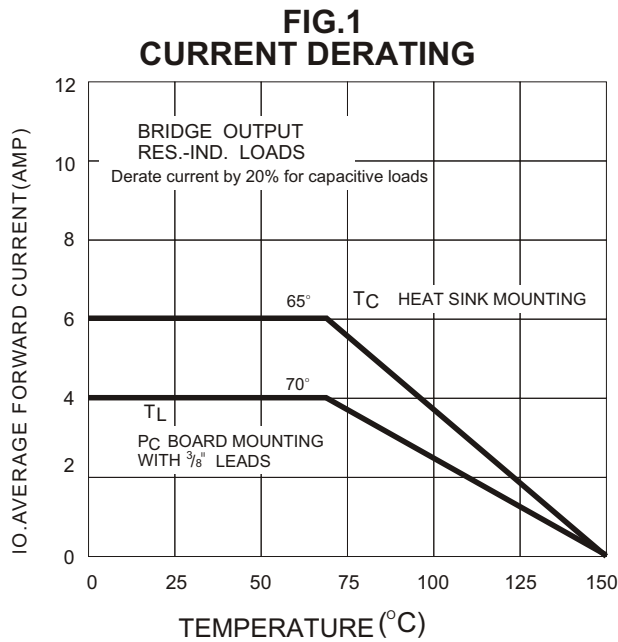
 This mark indicates recognition under the component program of Underwriters Laboratories, inc.

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	6PHR05	6PHR10	6PHR20	6PHR40	6PHR60	6PHR80	6PHR100

**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 Voltage Drop, V _F =1.2V @ 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)	240	Amp
Max. Reverse Recovery Time, T _{rr} (Fig.3)	200	Nanosec
Ambient Operating Temperature Range, T _A	-55 to+150	°C
Storage Temperature Range, T _{STG}	-55 to+150	°C

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



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

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

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