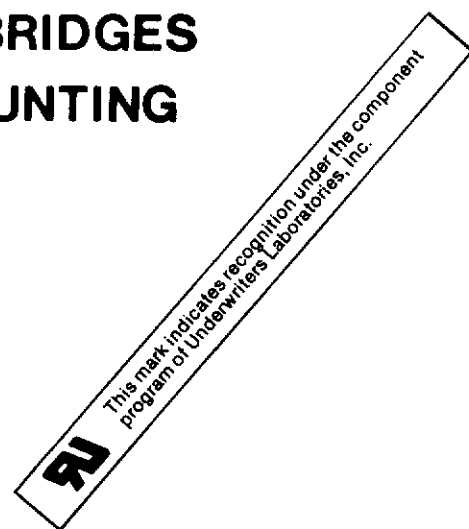
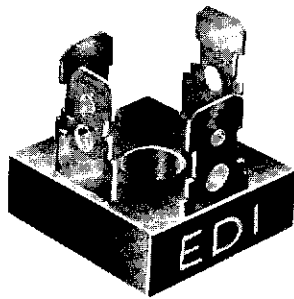


MINIBRIDGE[®]

8 AMPERES-TAB TERMINALS

SINGLE-PHASE FULL-WAVE BRIDGES

HEAT SINK AND CHASSIS MOUNTING



PT-F SERIES

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	PT 05F	PT 10F	PT 20F	PT 40F	PT 60F	PT 80F	PT 100F

ELECTRICAL CHARACTERISTICS PER LEG (at $T_A = 25^{\circ}\text{C}$ Unless Otherwise Specified)

Max. Forward Voltage Drop, $V_F = 1.0\text{V}$ @ $I_F =$	2.0	Amp
Max. DC Reverse Current @ PRV and 25°C , I_R	3	μA
Max. DC Reverse Current @ PRV and 100°C , I_R	75	μA
Max. Peak Surge Current, I_{FSM} (8.3 ms)	150	Amp
Storage Temperature Range, T_{stg}	-55 to +150	$^{\circ}\text{C}$
Thermal Resistance (Total Bridge), $R_{\theta j-c}$	6.0 typ.	$^{\circ}\text{C/W}$

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

edi[®] **ELECTRONIC DEVICES, INC.** **edi[®]**
 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: www.edidiodes.com

Figure 1
PT-F SERIES CURRENT DERATING

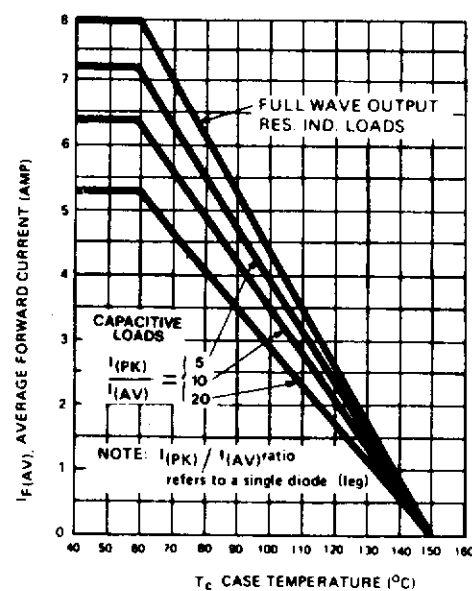


Figure 2
NON-REPETITIVE SURGE CURRENT

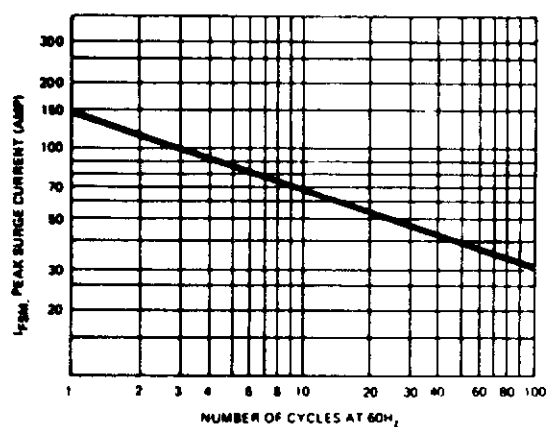
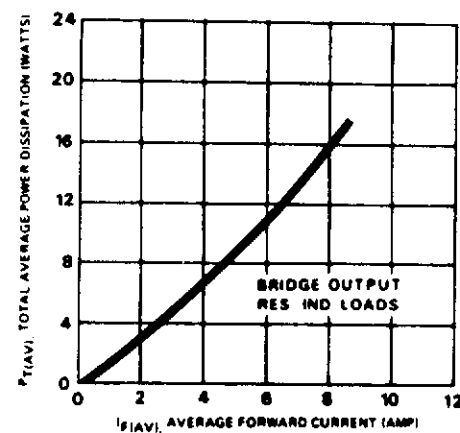
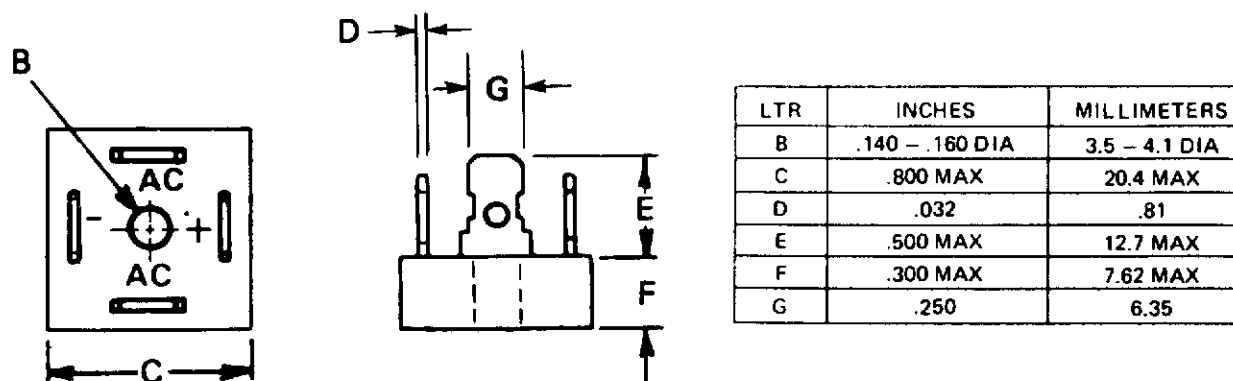


Figure 3
POWER DISSIPATION



PT-F SERIES MECH. OUTLINE



NOTE: 1. A thin film of silicone thermal compound is recommended between the bridge case and mounting surface for improved thermal conduction.