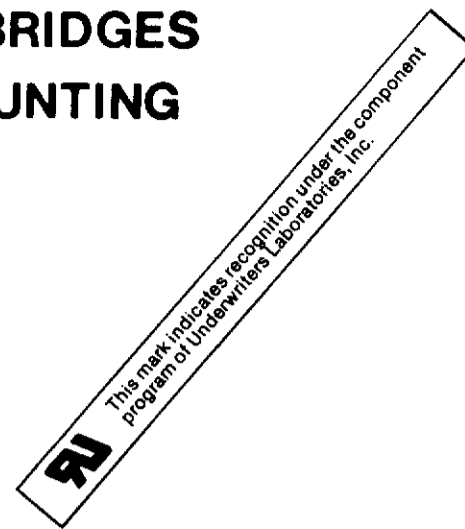
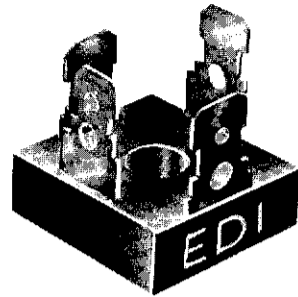


MINIBRIDGE[®]

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°C Unless Otherwise Specified)

Max. Forward Voltage Drop, V _F = 1.0V @ 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	°C
Thermal Resistance(Total Bridge), R _{θj-c}	6.0 typ.	°C/W

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

ELECTRONIC DEVICES, INC.

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Figure 1
PT-F SERIES CURRENT DERATING

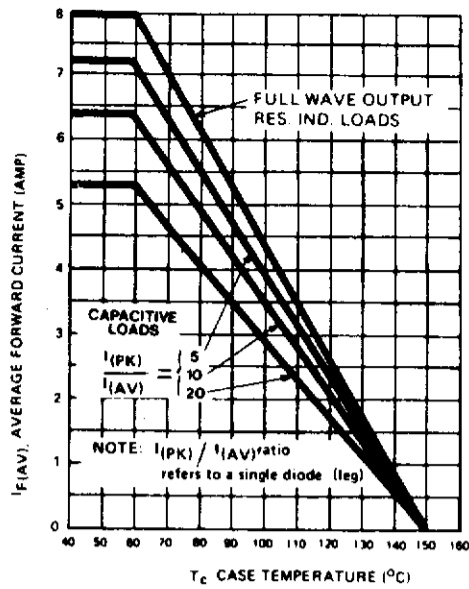


Figure 2
NON-REPETITIVE SURGE CURRENT

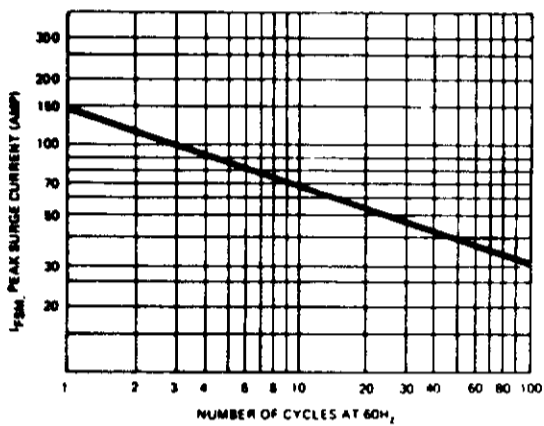
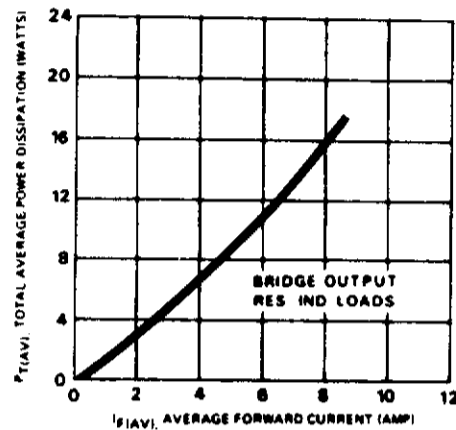
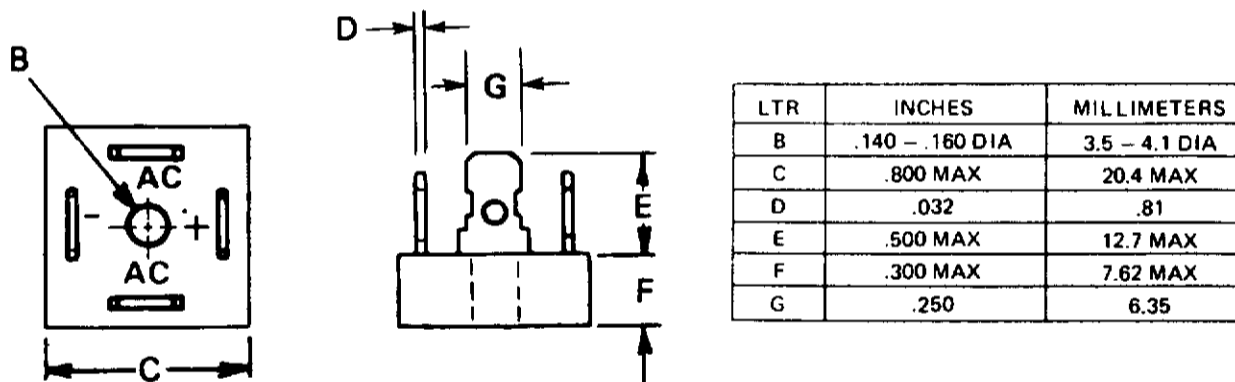


Figure 3
POWER DISSIPATION



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.