



PT-F

MINIBRIDGE[®]
8 AMPERES-TAB TERMINALS
SINGLE-PHASE FULL-WAVE BRIDGES
HEAT SINK AND CHASSIS MOUNTING



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

PT-F SERIES

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	PT05F	PT 10F	PT 20F	PT 40F	PT 60F	PT 80F	PT100F

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

Max. Forward Voltage Drop, V _F =1.0 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} (8.3ms)	150	Amp
Storage Temperature Range, T _{STG}	-55 to +150	°C
Thermal Resistance (Total Bridge), R _{θj-c}	6.0typ.	°C/W

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

Figure 1
PT-F SERIES CURRENT DERATING

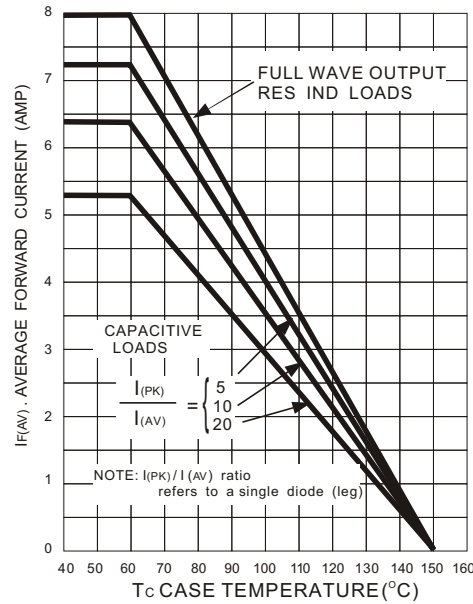


Figure 2

NON-REPETITIVE SURGE CURRENT

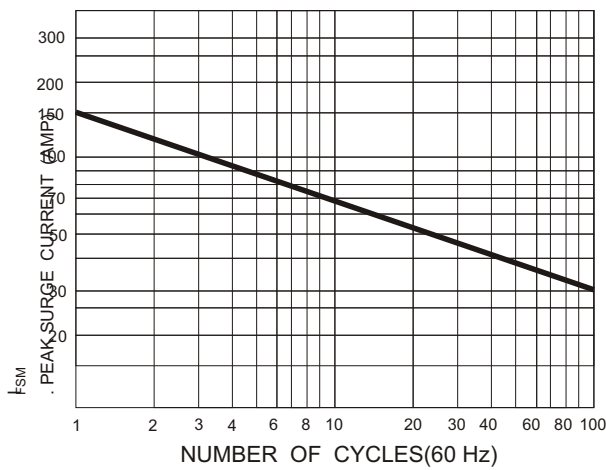
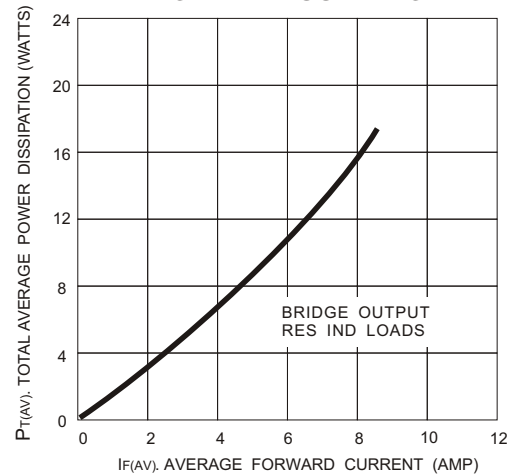
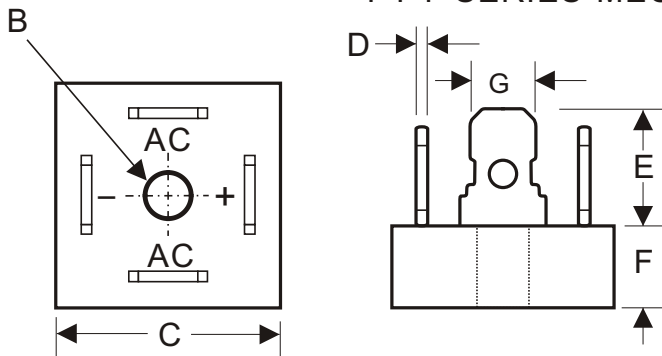


Figure 3

POWER DISSIPATION



PT-F SERIES MECH. OUTLINE



LTR	INCHES	MILLIMETERS
B	.140-.160DIA	3.5 - 4.1 DIA
C	.800 MAX	20.4 MAX
D	.032	.81
E	.500 MAX	12.7 MAX
F	.300 MAX	7.62 MAX
G	.250	6.35

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

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

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