




PK-F

MINIBRIDGE®  
12 AMPERES-TAB TERMINALS  
SINGLE-PHASE, FULL-WAVE BRIDGES  
HEAT SINK AND CHASSIS MOUNTING



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

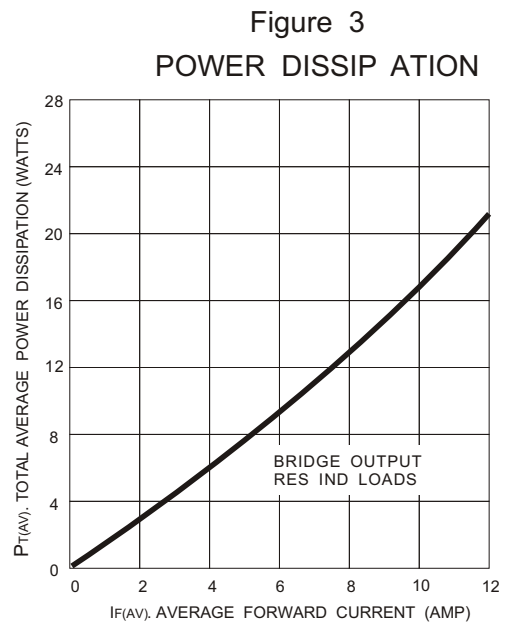
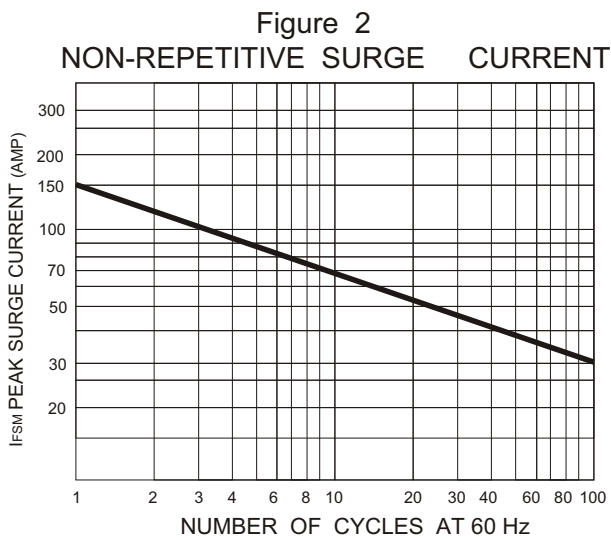
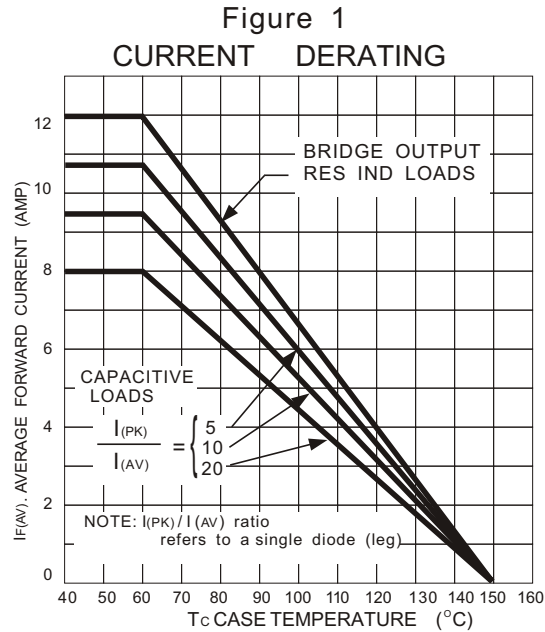
PK-F SERIES

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	PK05F	PK 10F	PK 20F	PK 40F	PK 60F	PK 80F	PK100F

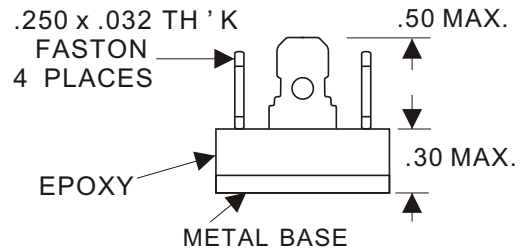
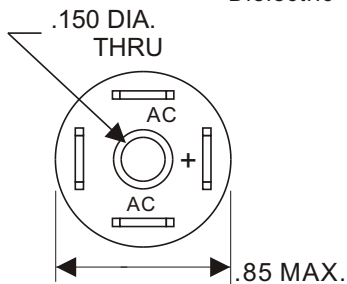
ELECTRICAL CHARACTERISTICS PER LEG  
(at T<sub>A</sub>=25 °C Unless Otherwise Specified))

Average Output Current, I <sub>o</sub> @ 60 °C T <sub>c</sub> (Fig.1)	12	Amp
Max. Forward Voltage Drop, V <sub>F</sub> =1.0 V @ I <sub>F</sub> =	2.0	Amp
Max. DC Reverse Current @ PRV and 25°C, I <sub>R</sub>	3	µA
Max. DC Reverse Current @ PRV and 100°C, I <sub>R</sub>	75	µA
Max. Peak Surge Current, I <sub>FSM</sub> (8.3 ms)	150	Amp
Storage Temperature Range, T <sub>STG</sub>	-55 to +150	°C
Thermal Resistance (Total Bridge), Rθ <sub>j-c</sub>	4.3 Typ.	°C/W

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



**PK-F SERIES MECH. OUTLINE**  
Dielectric test voltage 1500 volts rms, max. 50-60Hz



NOTE: A thin film of silicone thermal compound is recommended between the Minibridge<sup>®</sup> case and mounting surface for improved thermal conduction.

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