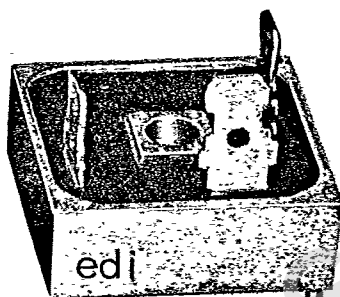


ELECTRONIC DEVICES, INC.

AN AMERICAN ELECTRONIC COMPONENTS COMPANY
21 GRAY OAKS AVENUE • YONKERS, NEW YORK 10710
914-965-4400 • FAX 914-965-5531 • TELEX 681-8047



MINIBRIDGE®
SINGLE-PHASE FULL-WAVE CENTER-TAP
18, 30, 35 AMPERES
HEAT SINK AND CHASSIS MOUNTING



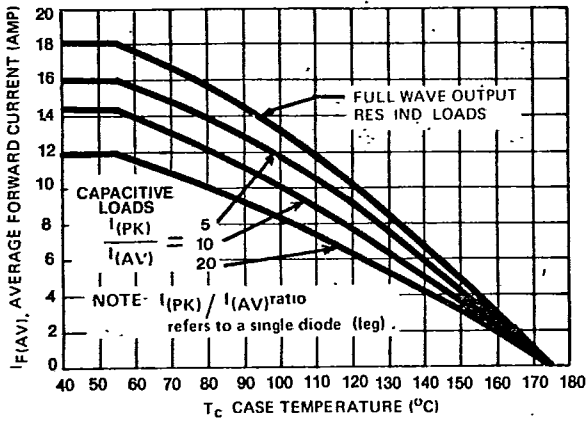
RU This mark indicates recognition under the component program of Underwriters Laboratories, Inc.

I _F (Avg.)	Series	PRV-leg						
		50V	100V	200V	400V	600V	800V	1000V
18 Amp	PAC	PAC05	PAC10	PAC20	PAC40	PAC60	PAC80	PAC100
30 Amp	PBC	PBC05	PBC10	PBC20	PBC40	PBC60	PBC80	PBC100
35 Amp	PWC	PWC05	PWC10	PWC20	PWC40	PWC60	PWC80	PWC100

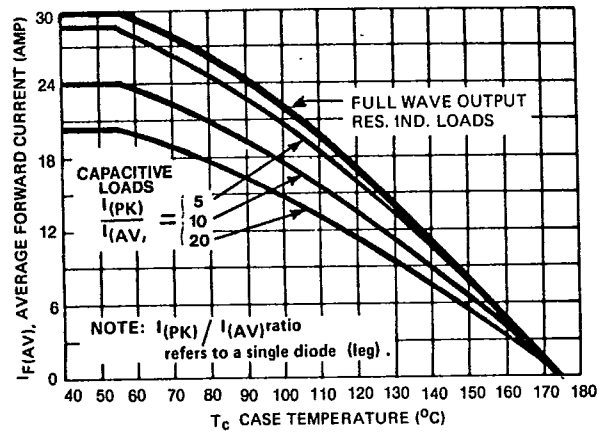
*Center-Tap Positive; For Center-Tap Negative Add "N" to Type Number i.e. PACN05.

ELECTRICAL CHARACTERISTICS PER LEG (at T _A = 25°C Unless Otherwise Specified)	SERIES			UNIT
	PAC	PBC	PWC	
Max. Forward Voltage Drop, V _F = 1.0V @ I _F =	2	3	12	Amp
Max. DC Reverse Current @ PRV and 25°C, I _R	10	10	10	μA
Max. DC Reverse Current @ PRV and 100°C, I _R	100	100	100	μA
Max. Peak Surge Current, I _{FSM} (8.3 ms)	200	300	400	Amp
Thermal Resistance (Total), R _{θJ-C}	6.6 TYP	3.7 TYP	3.2 TYP	°C/W
Storage Temperature Range, T _{stg}	-55 to +175			°C

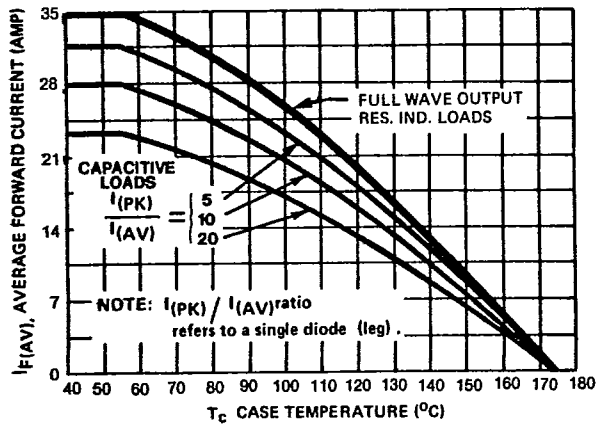
**Figure 1a PAC
CURRENT DERATING**



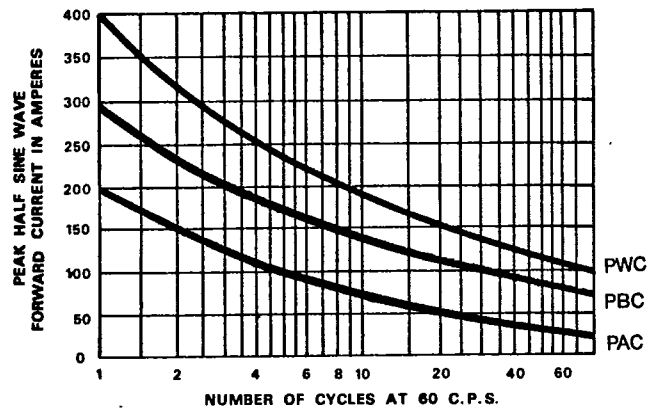
**Figure 1b PBC
CURRENT DERATING**



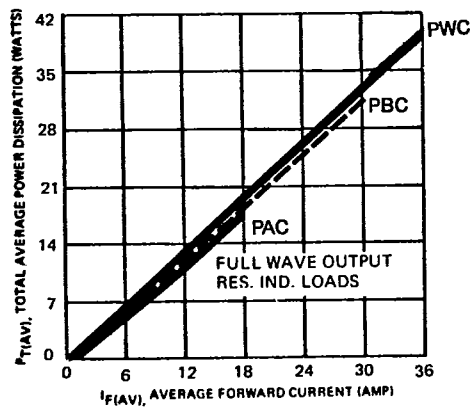
**Figure 1c PWC
CURRENT DERATING**



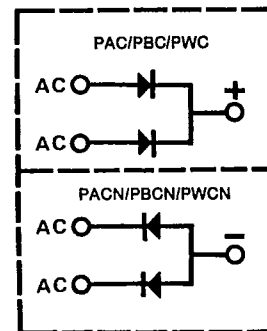
**Figure 2
NON-REPETITIVE SURGE CURRENT**



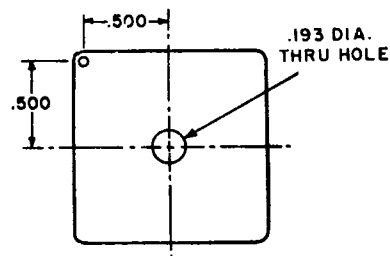
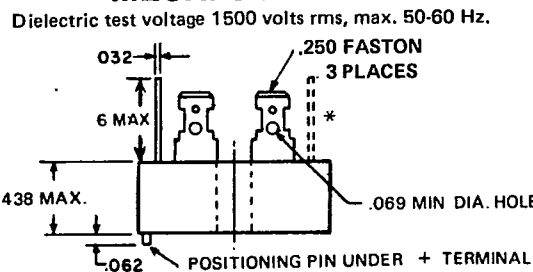
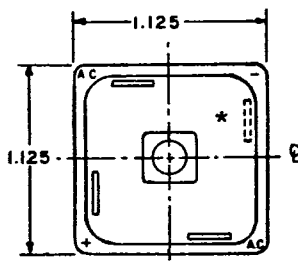
**Figure 3
POWER DISSIPATION**



**Figure 4
SCHEMATICS**



MECH. OUTLINES



*DC Output Terminal Position for "N" Types

- NOTES:**
1. Corrosion resistant terminals designed for .250 female quick connector, wrap around or solder.
 2. A thin film of silicone thermal compound is recommended between the Minibrige[®] case and mounting surface for improved thermal conduction.
 3. Bridges available without positioning pin. Consult factory.