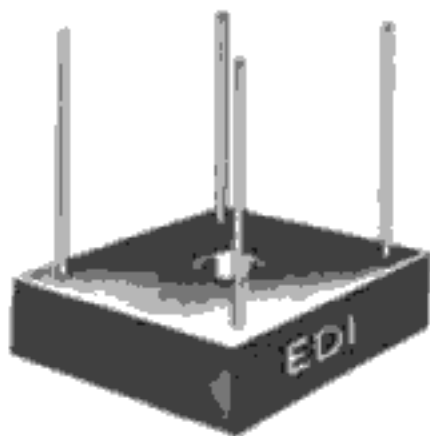




PV

SINGLE-PHASE FULL WAVE BRIDGE BRIDGE
2.0 AMPERES FOR P.C. BOARD MOUNTING
3.0 AMPERES HEAT SINK MOUNTING



PV SERIES

PRV/leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	PV05	PV10	PV20	PV40	PV60	PV80	PV100

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

Max.Forward Vdtage Drop, V _F =1.0 V @ I _F =	1.0	Amp
Max. DC Reverse Current @PRV and 25 °C, I _R	10.0	μA
Max. Peak Surge Current,I _{FSM} (8.3ms)	50	Amp
Ambient Operating Tem perature Range, T _A	-55 to +150	°C
Storage T emperature Range, T _{STG}	-55 to +150	°C

NOTE:
Maximum lead and terminal temperature for soldering, 3/8 inch from case,5 seconds at 250°C
EDI reserves the right to change these specifications at any time without notice.

Figure 1
PV SERIES CURRENT DERATING

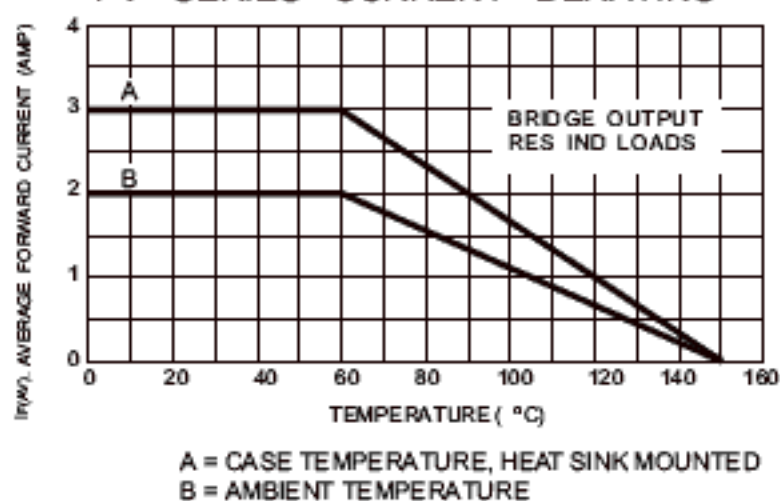


Figure 2
NON-REPETITIVE SURGE CURRENT

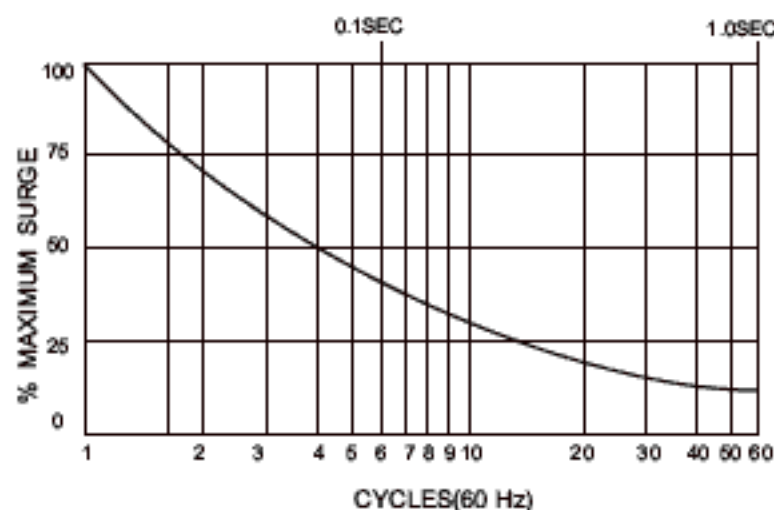
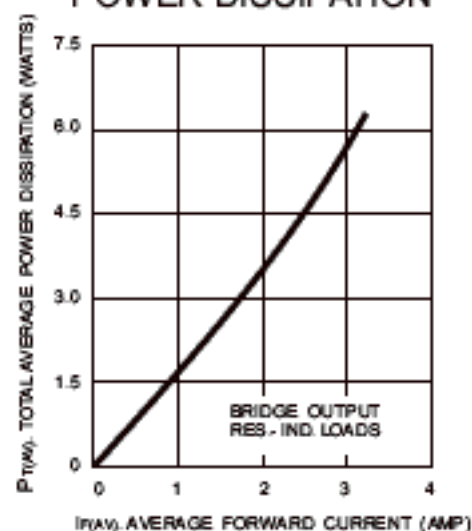
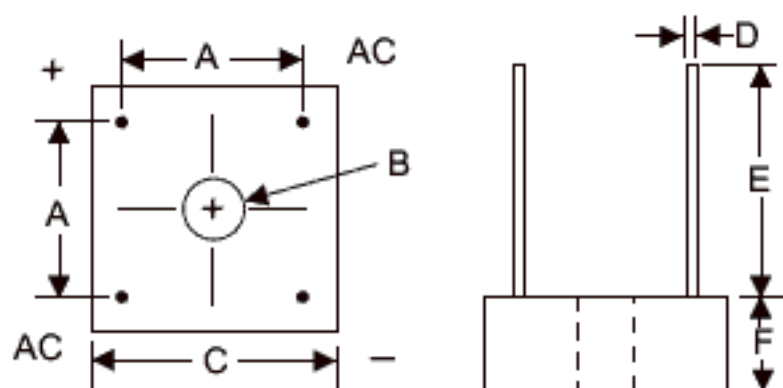


Figure 3
POWER DISSIPATION



PV SERIES MECH. OUTLINE



LTR	INCHES	MILLIMETERS
A	.411-.441	10.44-11.20
B	.137-.167DIA	3.48-4.24DIA
C	.590-.610	14.99-15.49
D	.038-.042	.97-1.07
E	.750MIN	19.05MIN
F	.300MAX	7.62MAX

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

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