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Part Number	PB62
product family	BRIDGE RECTIFIERS
package type	PB-6
VRM(PRV)	200V
Ifsm	150A
IF(AV)	6.0A
@Vf	1.10V
@If	3.0A
Trr	
IR	10μA
@VR	200V
Package Qty	Bulk : 200pcs/Tube;

This product is listed under the following categories where you may find similar products:

[Diodes](#)

[Bridge Rectifiers](#)

PB605 THRU PB610

Features

- Low Forward Voltage and Any Mounting Position
- Surge Overload Rating Of 150 Amps
- Silver Plated Copper Leads
- Lead Free Finish/RoHS Compliant (NOTE 1)("P" Suffix designates RoHS Compliant. See ordering information)
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1

Maximum Ratings

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- UL Recognized File # E165989

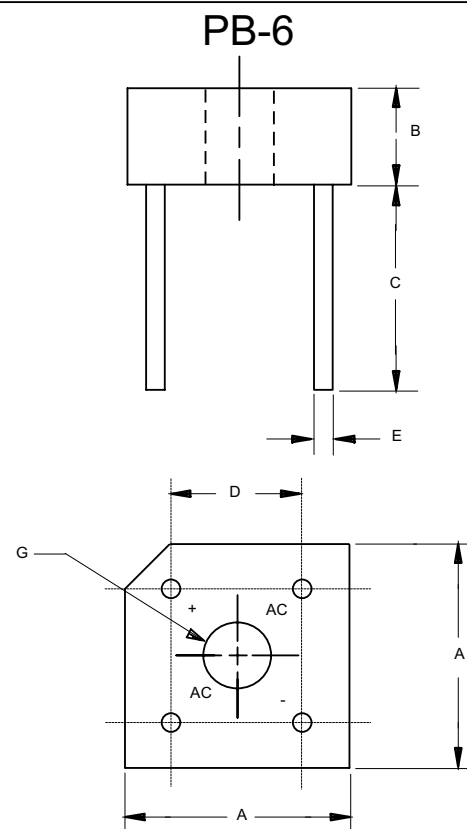
Microsemi Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
PB605	PB605	50V	35V	50V
PB61	PB61	100V	70V	100V
PB62	PB62	200V	140V	200V
PB64	PB64	400V	280V	400V
PB66	PB66	600V	420V	600V
PB68	PB68	800V	560V	800V
PB610	PB610	1000V	700V	1000V

Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	6.0A	$T_a = 50^\circ\text{C}$
Peak Forward Surge Current	I_{FSM}	150A	8.3ms, half sine
Maximum Forward Voltage Drop Per Element	V_F	1.0V	$I_F = 3.0\text{A}; T_a = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	10μA 1 mA	$T_a = 25^\circ\text{C}$ $T_a = 100^\circ\text{C}$

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7

6 Amp Single Phase Bridge Rectifier 50 to 1000 Volts



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.578	.618	14.69	15.71	2PL
B	.230	.270	5.84	6.86	
C	.750	---	19.10	---	
D	.405	.444	10.30	11.30	2PL
E	.038	.042	0.97	1.07	4PL/TYP
G	.145	---	3.70	---	Ø



Ordering Information

Device	Packing
(Part Number)-BP	Bulk;200pcs/Box

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