

PB5012

■Maximum Ratings (Ta=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	PB5012
Device marking code			PB5012
Maximum Repetitive Peak Reverse Voltage	VRRM	V	1200
Maximum RMS Voltage	VRMS	V	840
Maximum DC blocking Voltage	VDC	V	1200

Average rectified output
current @60Hz sine
wave, R-load,

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PB5012

■ Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER		SYMBOL	UNIT	PB5012
Thermal Resistance	Between junction and ambient, Without heatsink	$R_{\theta J-A}$	/W	15.0
	Between junction and case, With heatsink	$R_{\theta J-C}$		0.6

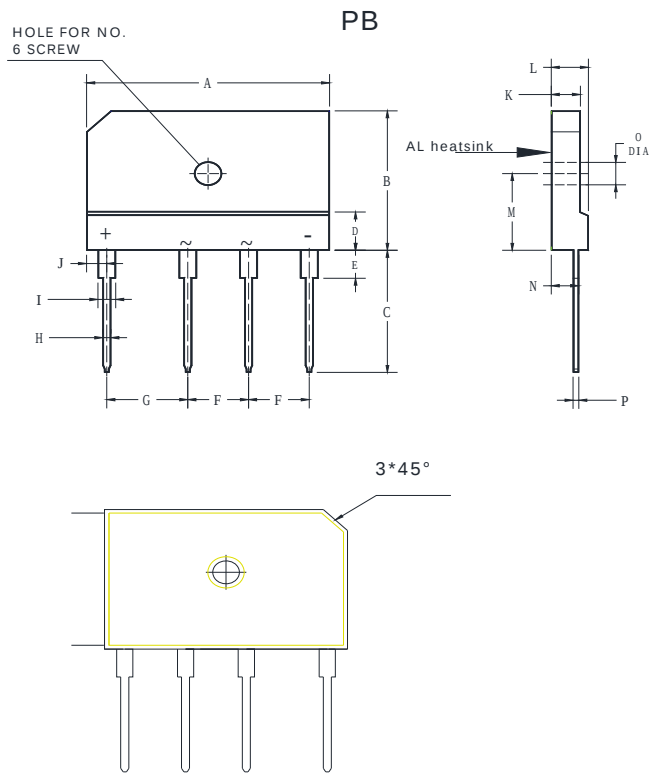
Note: Device mounted on 75mm x 45mm x 5.5mm Aluminum Plate Heatsink.

■ Ordering Information (Example)

PREFERED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERM DELIVERM at
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■ Outline Dimensions



Dimensions in millimeters

PB		
Dim	Min	Max
A	29.7	30.3
B	19.7	20.3
C	17.0	18.0
D	4.8	5.8
E	3.8	4.2
F	7.3	7.7
G	9.8	10.2
H	0.9	1.1
I	2.0	2.4
J	2.3	2.7
K	3.4	3.8
L	4.4	4.8
M	10.8	11.2
N	3.1	3.7
O	3.1	3.4
P	0.6	0.8
A1	28.75	29.15
B1	18.75	19.15
C1	0.3	0.7
D1	0.3	0.7

