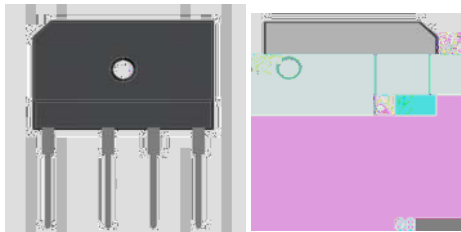


Maximum Ratings (T_a=25 °C Unless otherwise specified)



PARAMETER		SYMBOL	UNIT	PB3510H
Device marking code				PB3510H
Maximum Repetitive Peak Reverse Voltage		VRRM	V	1600
Maximum RMS Voltage		VRMS	V	1120
Maximum DC blocking Voltage		VDC	V	1600
Average rectified output current @60Hz sine wave, R-load	With heatsink Tc =100 -	Io	A	35.0
	Without heatsink Ta =25 -			4.2
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25 -		IFSM	A	400
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25 -				800
Current squared time @1ms≤t≤8.3ms Tj=25 - , Rating of per diode		I²t	A²s	664
Storage temperature		Tstg	-	-55 ~ +150
Junction temperature		Tj	-	-55 ~ +150
Dielectric strength @ Terminals to case, AC 1 minute		Vdis	KV	2.5
Mounting torque @Recommend torque 5kg cm		Tor	kg cm	8

■Electrical Characteristics T_a=25 °C Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	PB3510H
Maximum instantaneous forward voltage drop per diode	V _F	V	I _{FM} =17.5A	1.1

Maximum DC reverse current at rated DC



PB3510H

■Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	PB3510H
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■ Outline Dimensions

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

Dimensions in millimeters



Disclaimer

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