

Rev.B May.-2025

8.0A 50~1000V GBU

8.0A Single-Phase Silicon Bridge Rectifier, Reverse Voltage:50~1000V,GBU package.

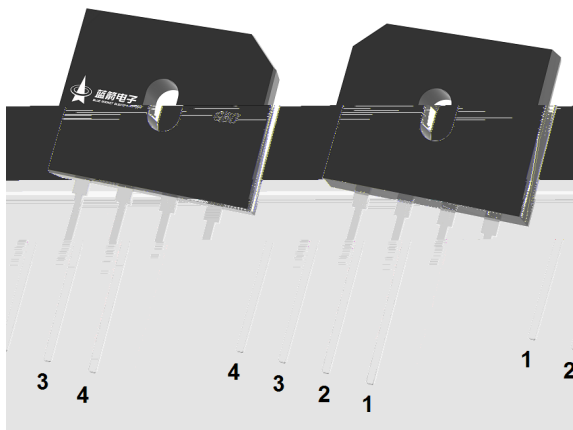
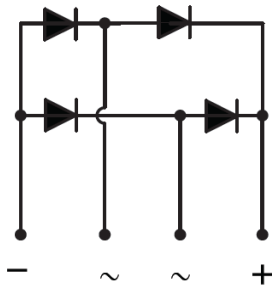
PCB

UL

94V-0

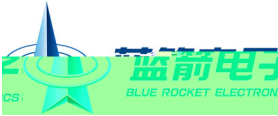
Ideal for printed circuit board, Case material molded plastic, The plastic material has U/L flammability classification 94V-0, HF Product.

General purpose.



PIN1 DC- PIN2 AC PIN 3 AC PIN 4 DC+

See Marking Instructions.



Parameter	Symbol	Rating	Unit
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Fig. 1 Derating Curve for Output Rectified Current

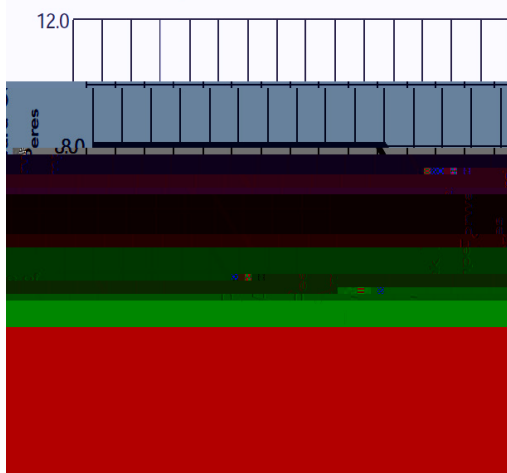


Fig. 2 Maximum Non-repetitive Peak Forward Surge Current

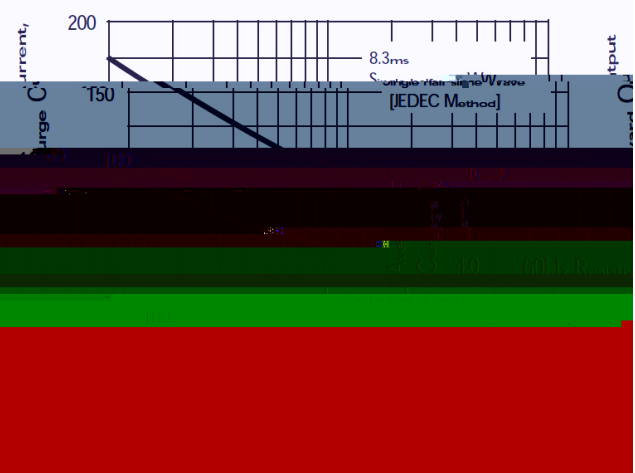


Fig. 3 Typical Instantaneous Forward Characteristics

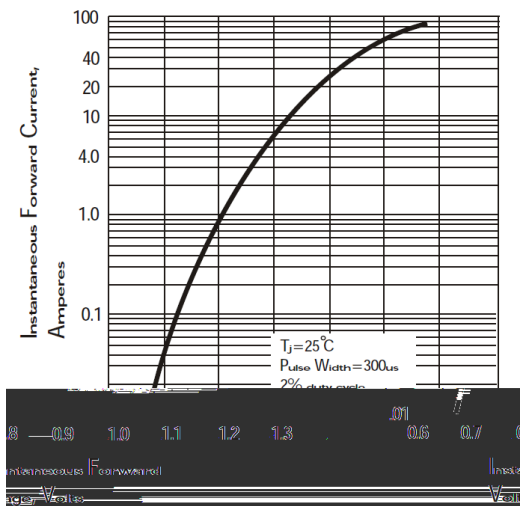


Fig. 4 Typical Reverse Characteristics

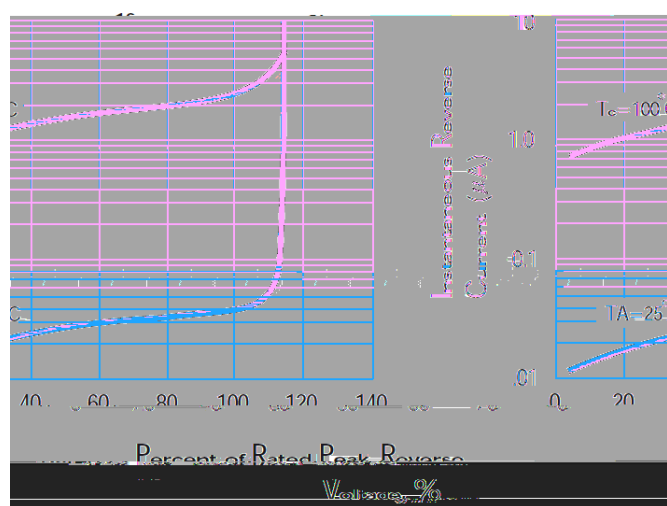
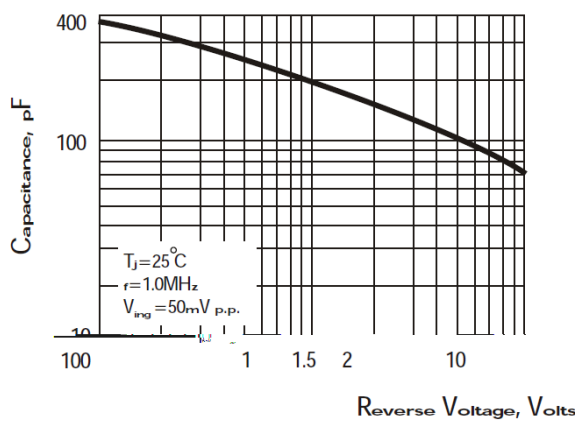
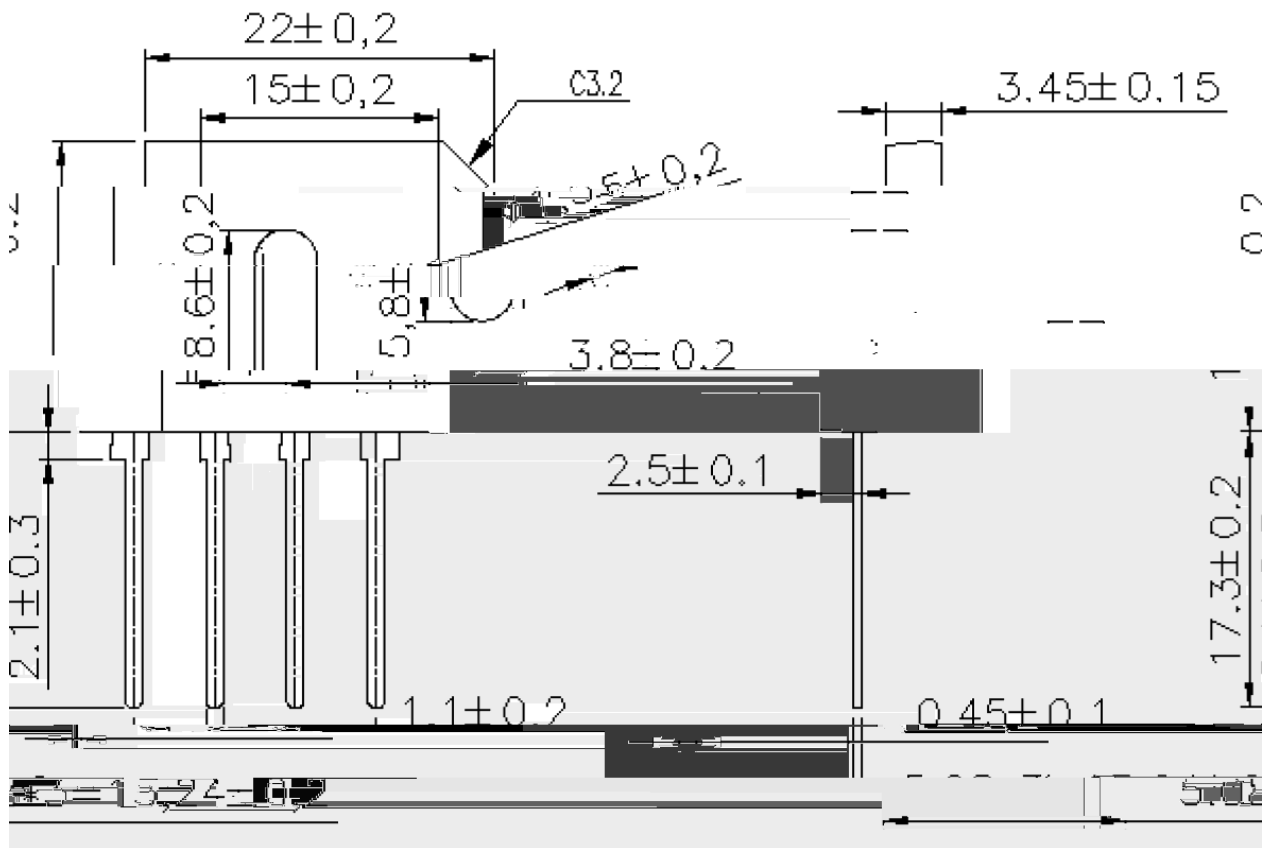
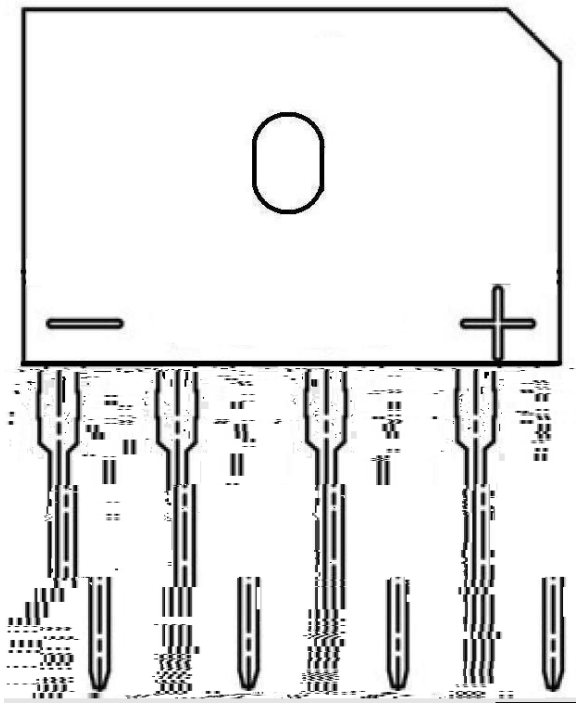
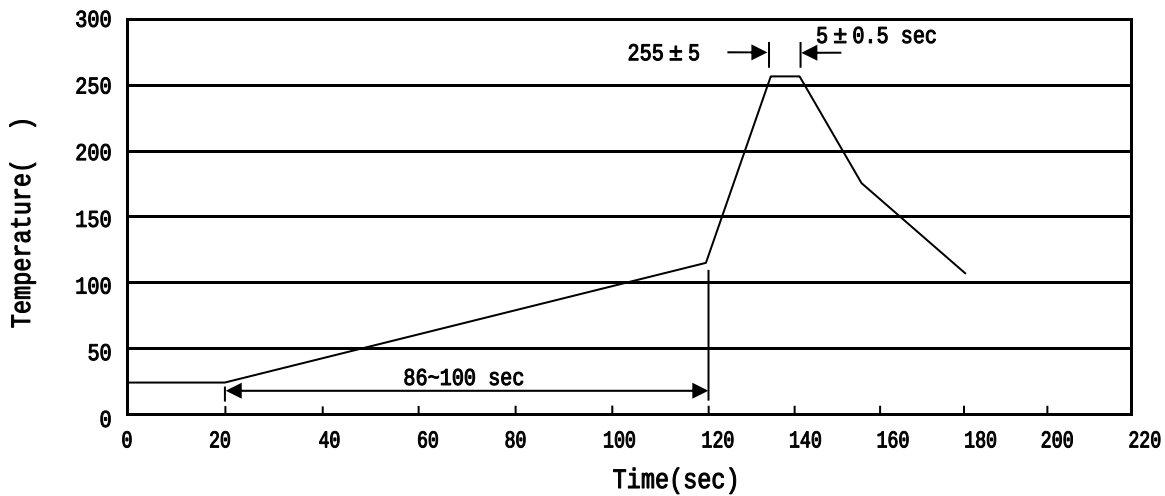
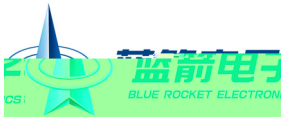


Fig. 5 Typical Junction Capacitance









- 1

25 150

60 90sec;

1.Preheating:25~150 , Time:60~90sec.
- 2

255±5

5±0.5sec;

2.Peak Temp.:255±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ BULK

Package Type 7~E	Units ;>û !H					Dimension ;>û p . (unit /mm³)		
	Units/Bag />Á	Bags/Inner Box >Á-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Bag >Á	Inner Box -	Outer Box 1ç
GBU	-	-	250	10	2500	-	-	-