

50~1000V 8.0A GBJ

Glass Passivated Bridge Rectifiers, Reverse Voltage:50~1000V,Forward Current:8.0A,GBJ package.

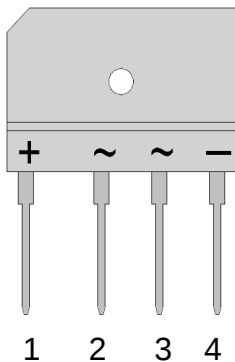
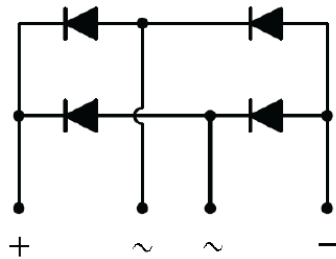
PCB

UL

94V-0

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

General purpose.

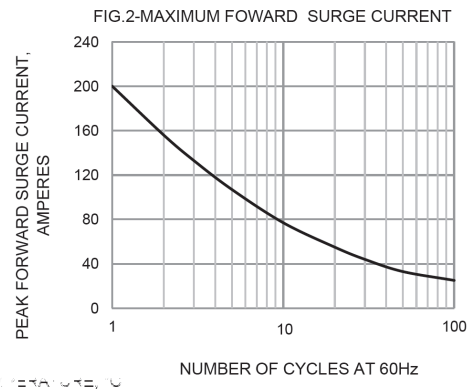
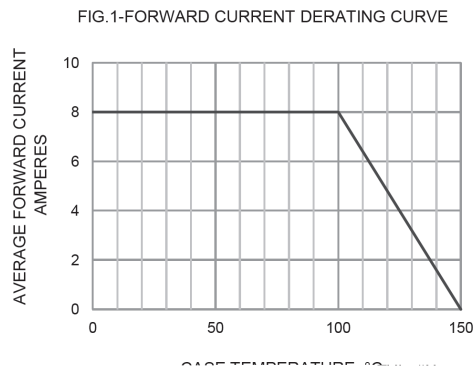


PIN1 DC+ PIN2 AC PIN3 AC PIN4 DC-

See Marking Instructions

Parameter	Symbol	Rating								Unit
		GBJ 8005G	GBJ 801G	GBJ 802G	GBJ 804G	GBJ 806G	GBJ 808G	GBJ 810G		
Maximum Recurrent Peak							800	1000	V	
							560	700	V	
							800	1000	V	
									A	
(with heatsink Note 2)										
Peak Forward Surage Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	I _{FSM}	200							A	
I ² t Rating for Fusing (t<8.3ms)	I ² t	166							A ² s	
Typical Junction Capacitance per element (Note1)	C _J	66							pF	
Typical Thermal Resistance (Note2)	R _{Jc}	1.6							/W	
Operation Temperature Range	T _j	-55 to +150								

Parameter	Symbol	Test Conditions	Rating
Ta			C



TYPICAL FORWARD CHARACTERISTICS

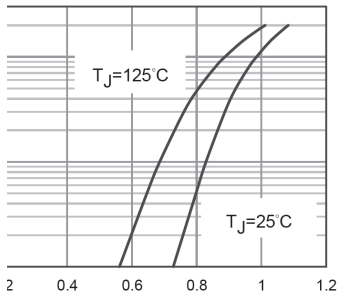


FIG.3-TYPICAL JUNCTION CAPACITANCE

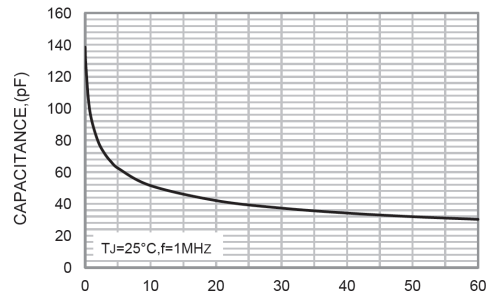
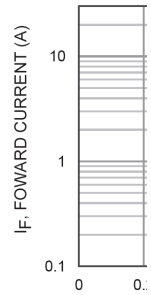
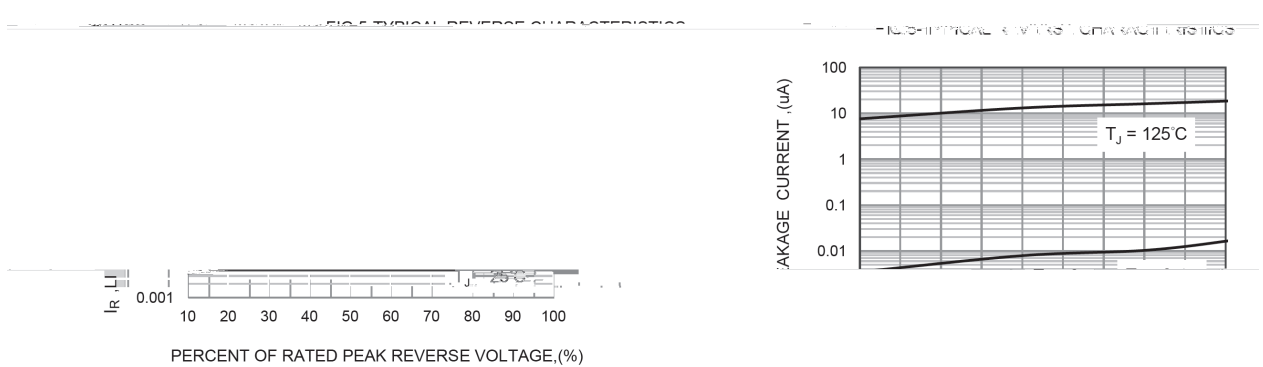


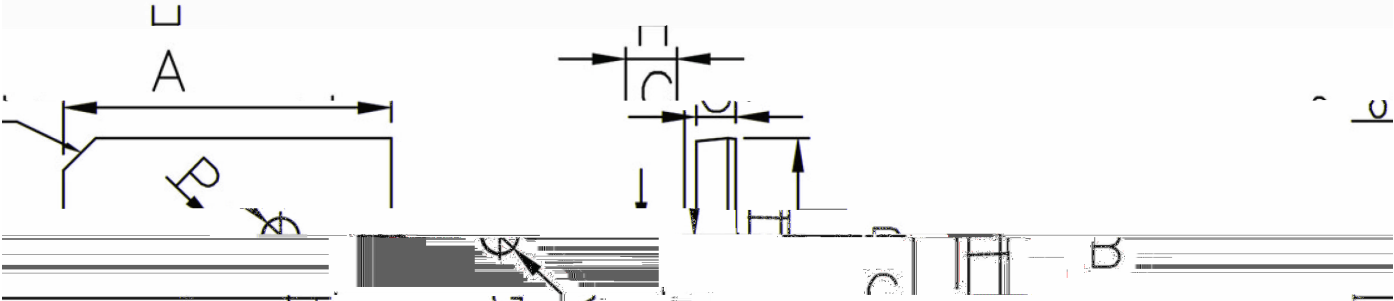
FIG.4-TYP

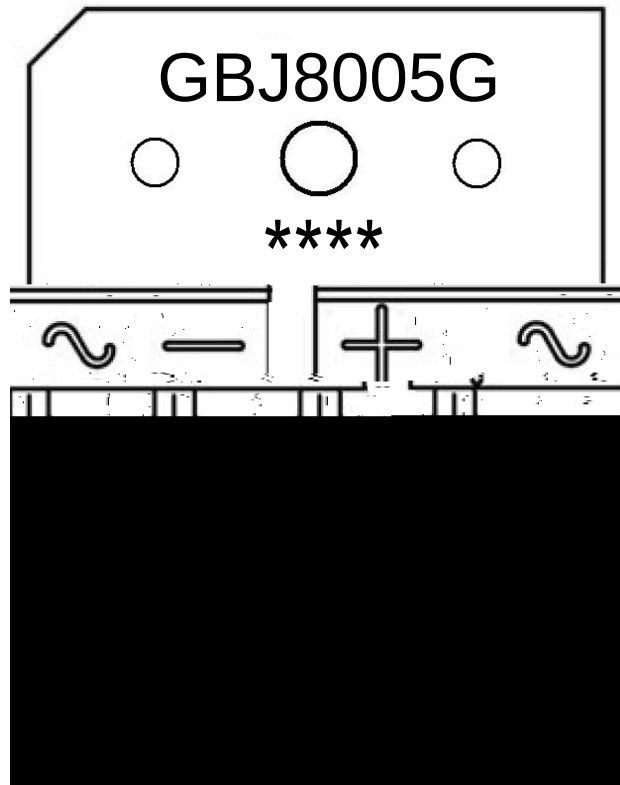


TYPICAL REVERSE CHARACTERISTICS



GBLP Package Outline Dimensions

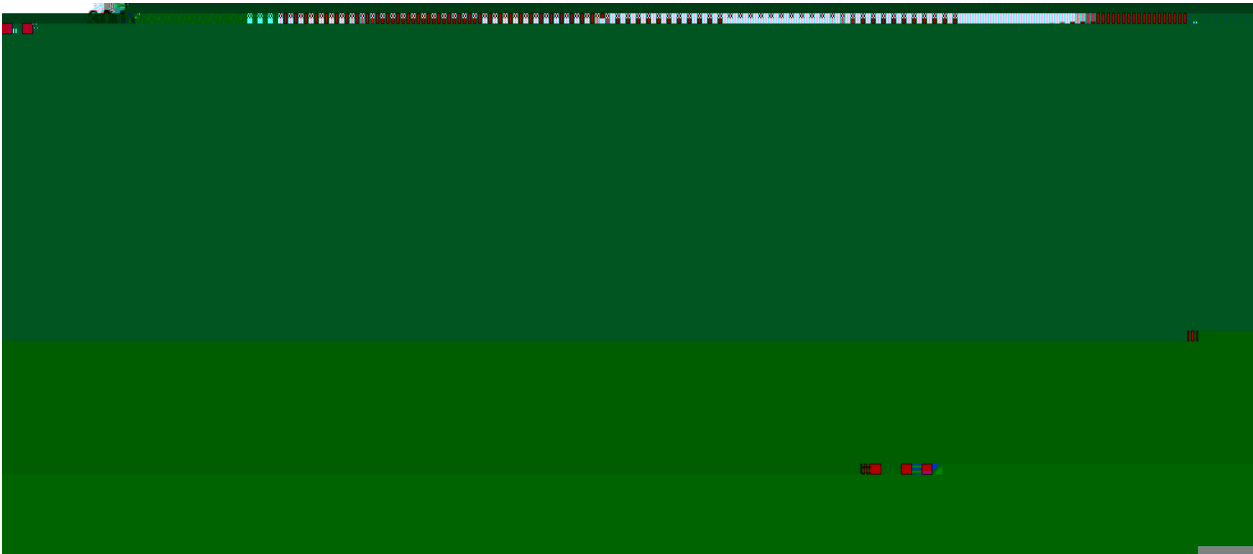




GBJ8005G

Note:

GBJ8005G:	Product Type.
****:	Lot No. Code, code change with Lot No.



- 1

25 150

60 90sec;

2

255±5

5±0.5sec;

3

2 10

/sec.
- Note:

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

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

3. Cooling Speed: 2~10 /sec.

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
GBJ	-	-						