

GBJ8005~GBJ810

Rev.A .Jul.-2018



DATA SHEET

/ Descriptions

50~1000V

8.0A GBJ

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

/ Features

PCB

UL

94V-0

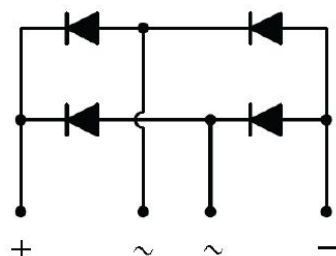
Ideal for printed circuit board, Case material molded plastic, The plastic material has U/L flammability classification 94V-0. Halogen free product.

/ Applications

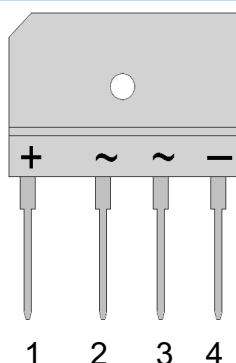
一般用途.

General purpose.

/ Equivalent Circuit



/ Pinning



PIN1 DC+ PIN2 AC PIN3 AC PIN4 DC-

/ h_{FE} Classifications & Marking

See Marking Instructions

GBJ8005~GBJ810

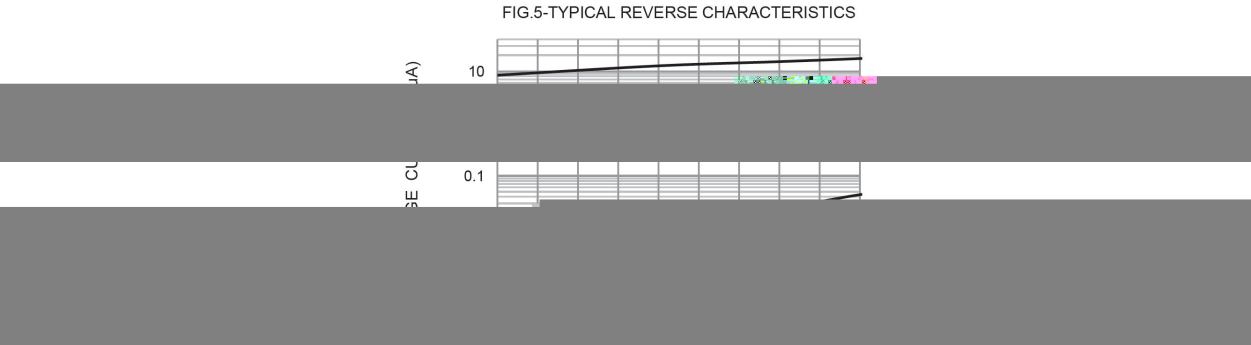
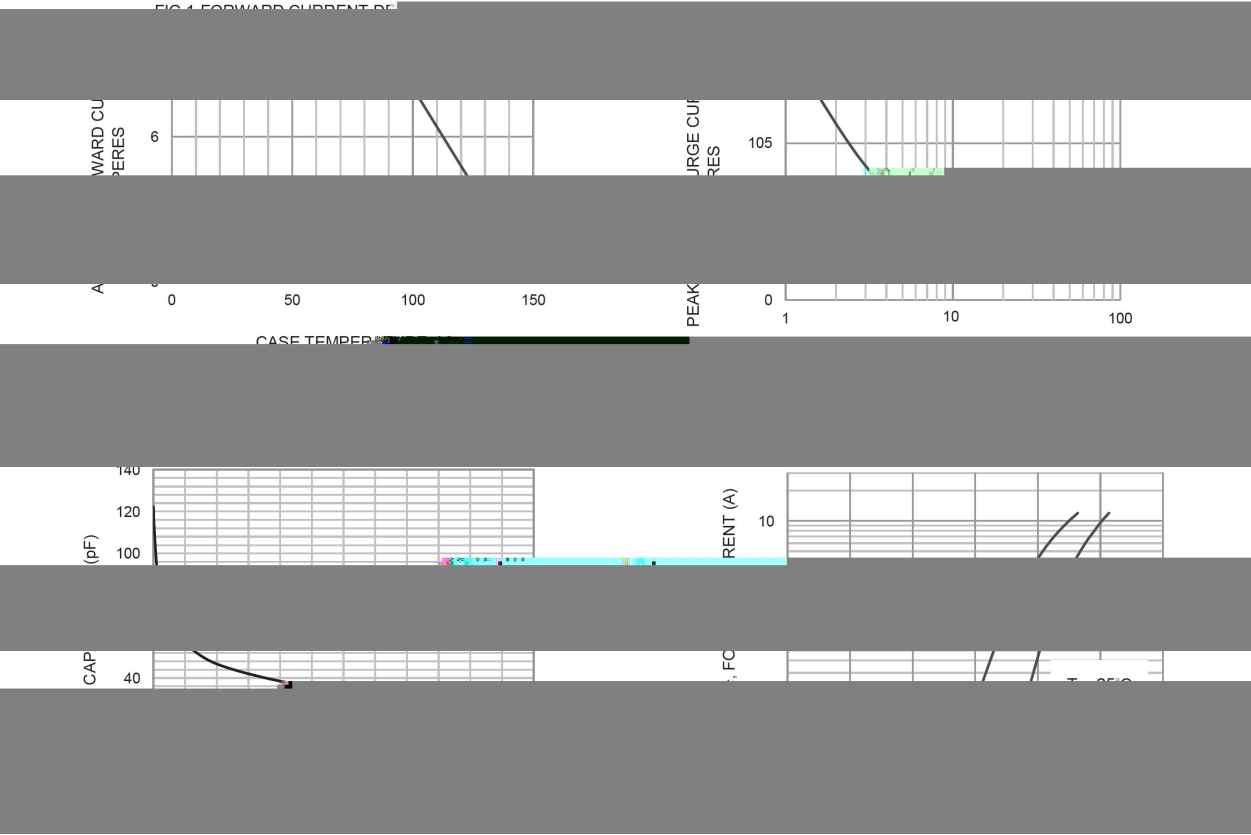
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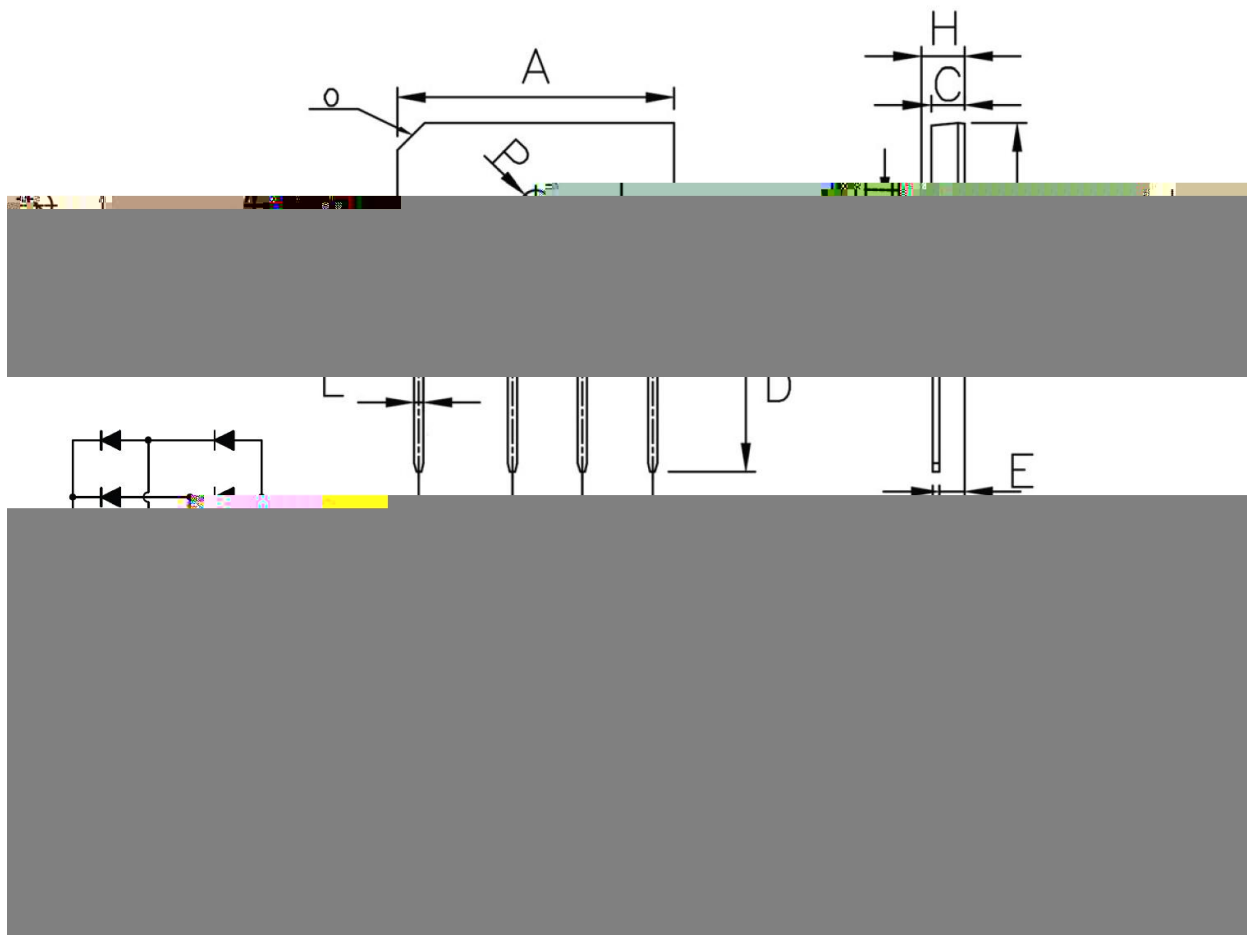
Parameter	Symbol	Rating							Unit
		GBJ 8005	GBJ 801	GBJ 802	GBJ 804	GBJ 806	GBJ 808	GBJ 810	
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	35	70	140	280	420	560	700	V

/ Electrical Characteristic Curve

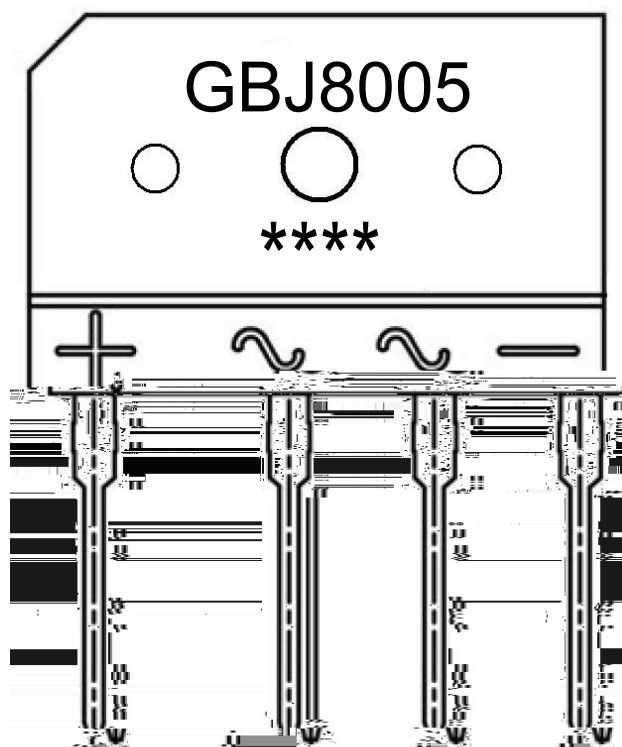


/ Package Dimensions

GBJ Package Outline Dimensions



/ Marking Instructions



GBJ8005

Note:

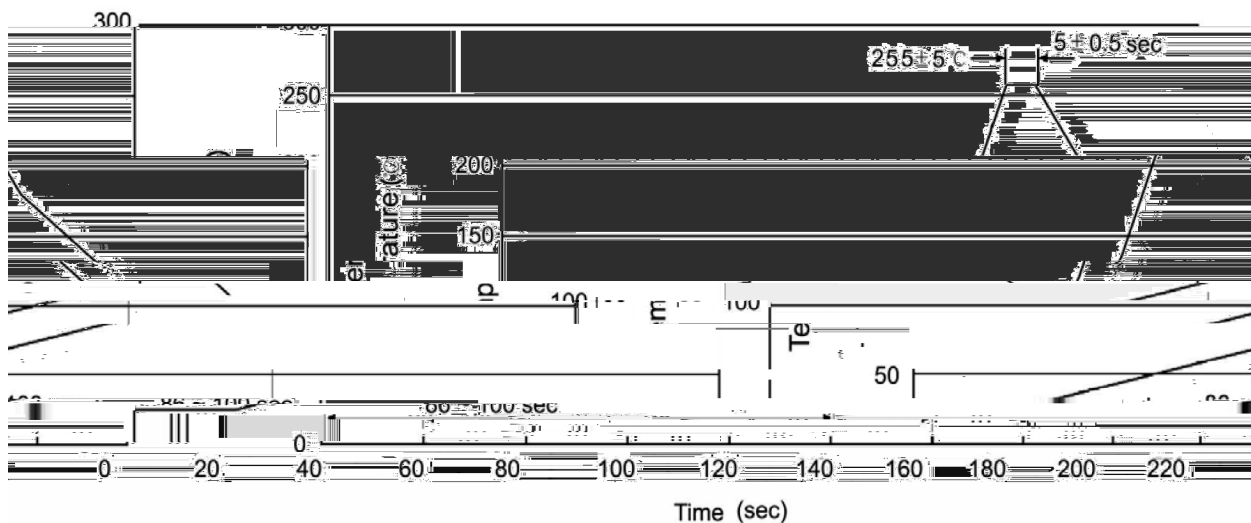
GBJ8005:

Product Type.

****:

Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

1. Preheating: 25~150 , Time: 60~90sec.
2. Peak Temp.: 255±5 , Duration: 5±0.5sec.
3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

□ 270±5 , □ 10±1 sec. Temp.: 270±5°C Time: 10±1 sec

/ Packaging SPEC.

/ BULK

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

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube 套管	Inner Box 盒	Outer Box 箱
GBJ								

/ Notices