

## / Descriptions

玻璃钝化整流桥，反向电压：50~1000V，正向电流：35 A，GBJ 封装。

Glass Passivated Bridge Rectifiers, Reverse Voltage:50~1000V,Forward Current:35A,GBJ package.

## / Features

优化 PCB 板选择，塑料模具外壳，塑料的 UL 易燃性等级为 94V-0。无卤产品。

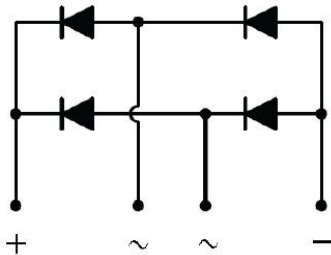
Ideal for printed circuit board, Case material molded plastic, The plastic material has U/L flammability classification 94V-0. Halogen free product.

## / Applications

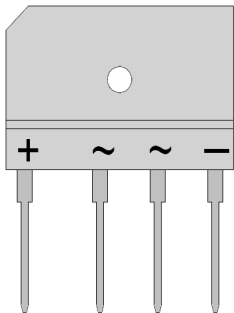
一般用途。

General purpose.

## / Equivalent Circuit



## / Pinning



1 2 3 4

PIN1 : DC+

PIN2 : AC

PIN 3 : AC

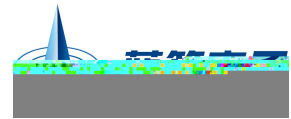
PIN 4 : DC-

## / $h_{FE}$ Classifications & Marking

见印章说明。 See Marking Instructions

# GBJ35005~GBJ3510

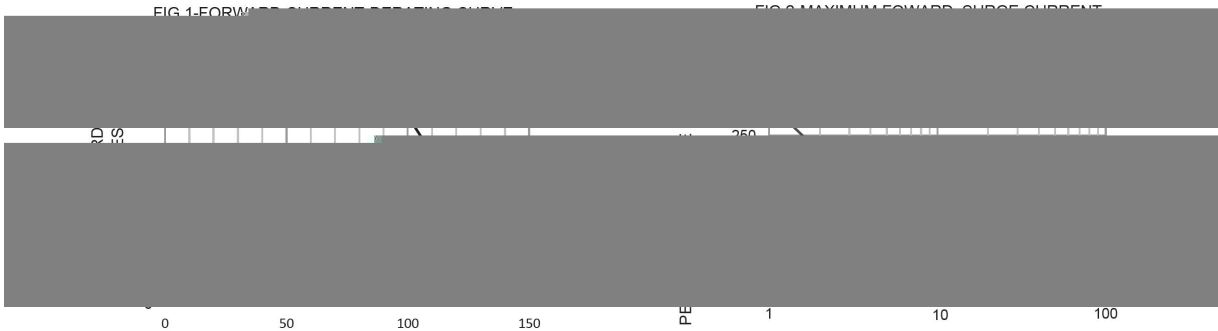
Rev.A .Jul.-2018

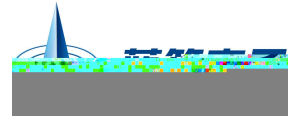


DATA SHEET

参数 Parameter	符号 Symbol	数值 Rating							单位 Unit
		GBJ 35005	GBJ 3501	GBJ 3502	GBJ 3504	GBJ 3506	GBJ 3508	GBJ 3510	
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
Maximum DC Blocking Voltage	$V_{DC}$	50V	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current (with heatsink Note 2)	$I_{F(AV)}$	35							A

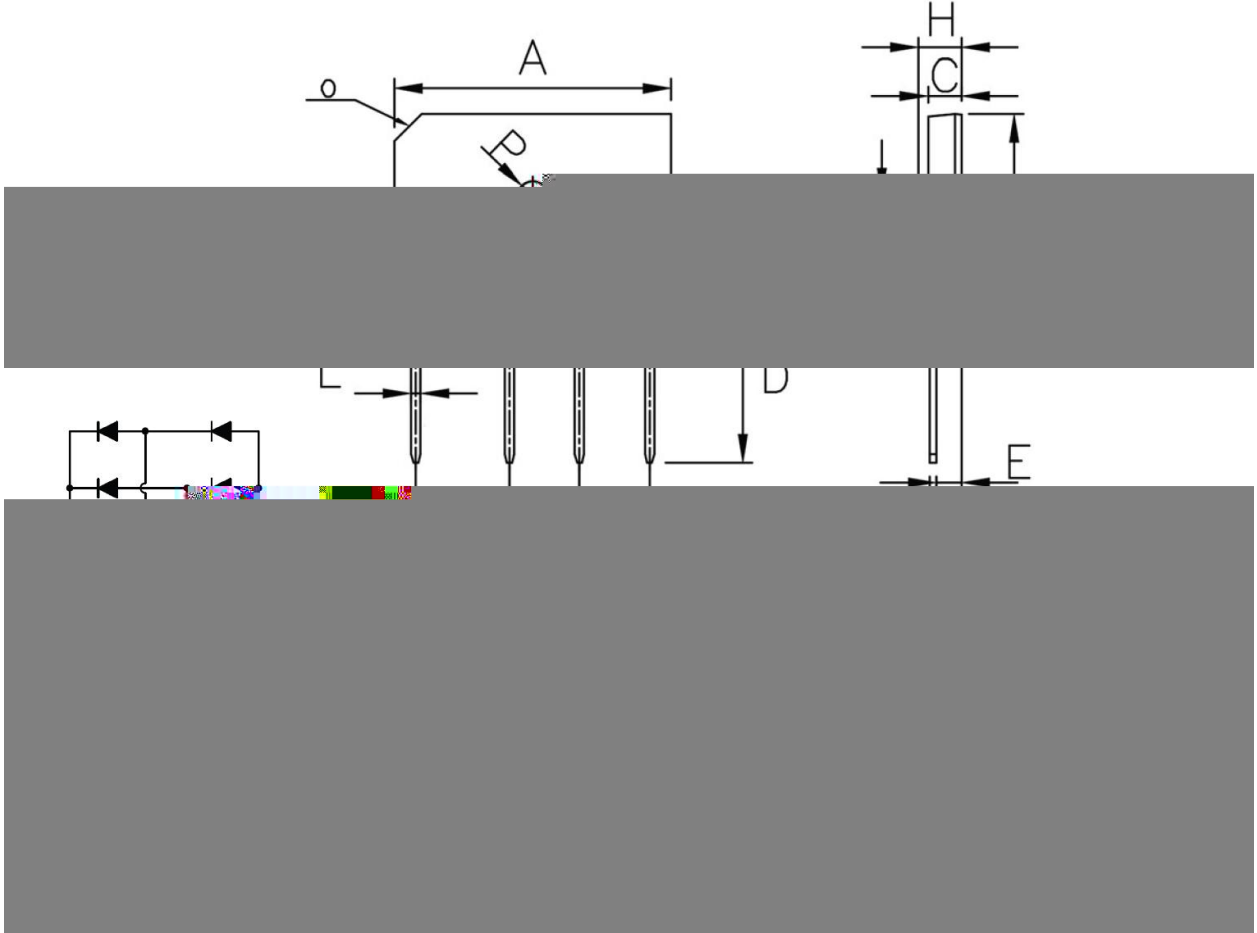
/ Electrical Characteristic Curve

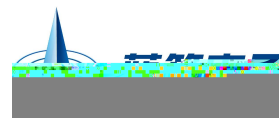




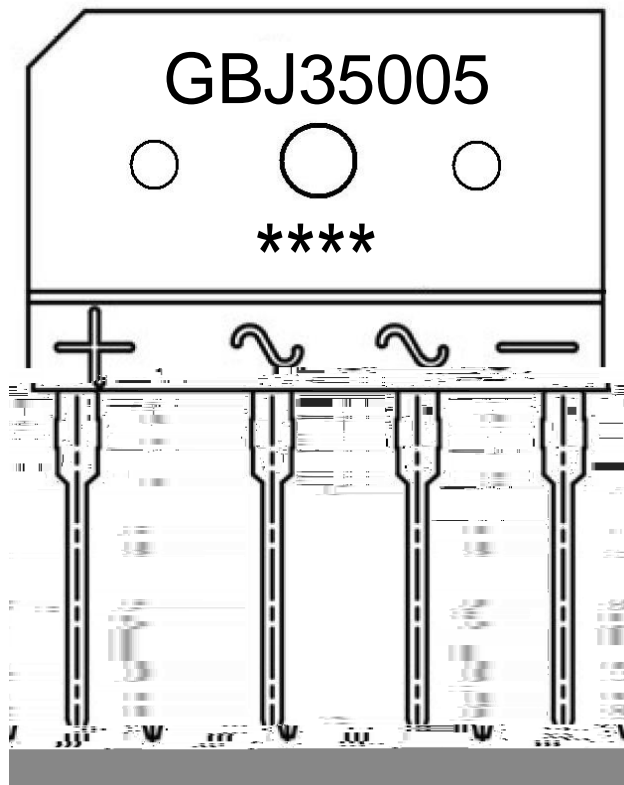
/ Package Dimensions

GBJ Package Outline Dimensions





/ Marking Instructions



说明：

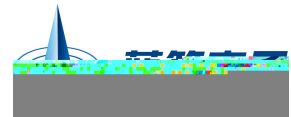
GBJ35005： 为产品型号

\*\*\*\*： 为生产批号代码，随生产批号变化

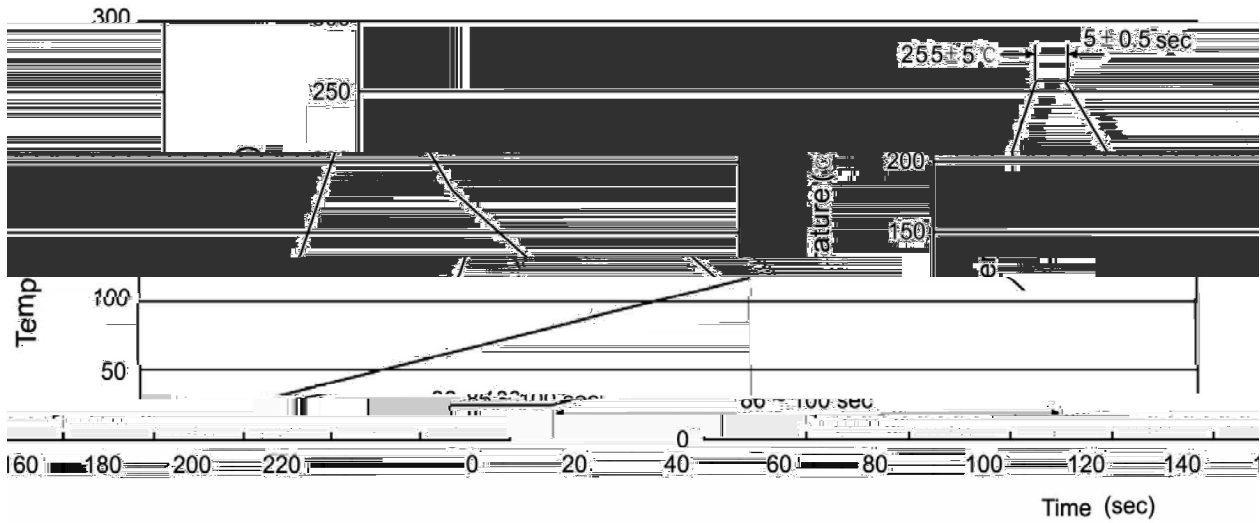
Note:

GBJ35005: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No



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



Note:

- |   |     |     |    |          |   |
|---|-----|-----|----|----------|---|
| 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.                |

/ 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 <sup>3</sup> )		
	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	-	-						

/ TUBE

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

/ Notices