

# GBJ8005G~GBJ810G

Rev.A .Jul.-2018

## / Descriptions

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

## / Features

PCB

UL

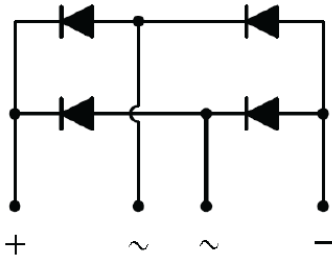
94V-0

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

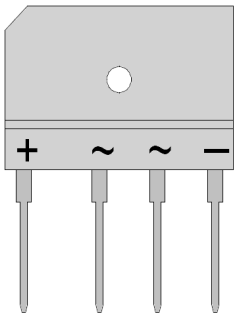
## / Applications

General purpose.

## / Equivalent Circuit



## / Pinning

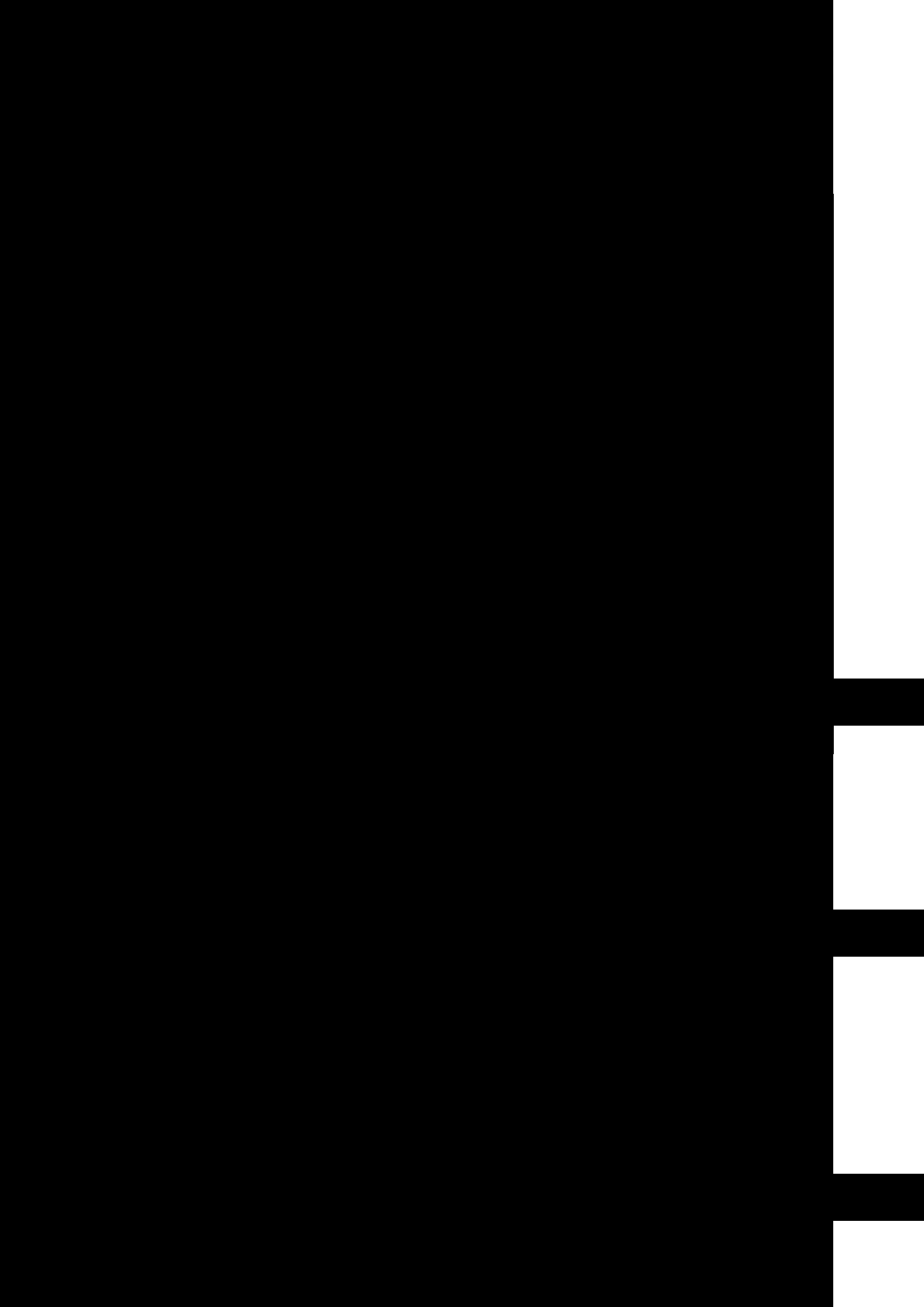


1 2 3 4

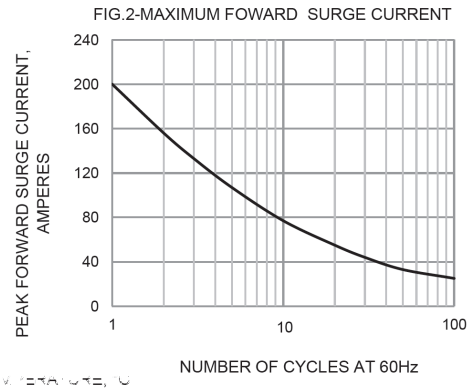
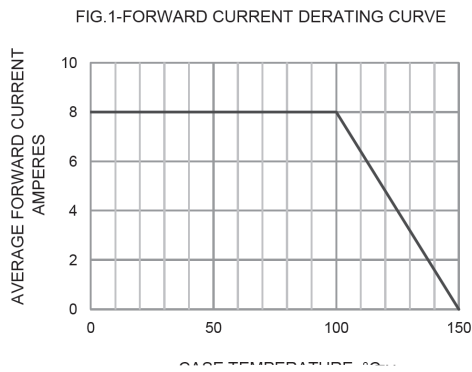
PIN1 DC+      PIN2 AC      PIN3 AC      PIN4 DC-

## / h<sub>FE</sub> Classifications & Marking

See Marking Instructions



**/ Electrical Characteristic Curve**



TYPICAL FORWARD CHARACTERISTICS

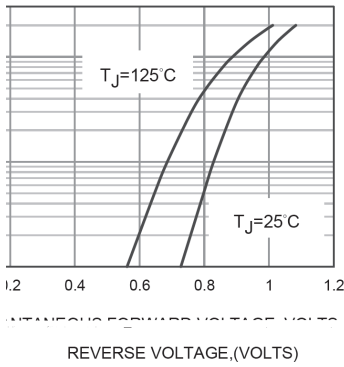


FIG.3-TYPICAL JUNCTION CAPACITANCE

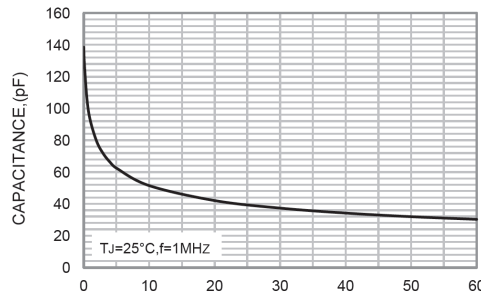
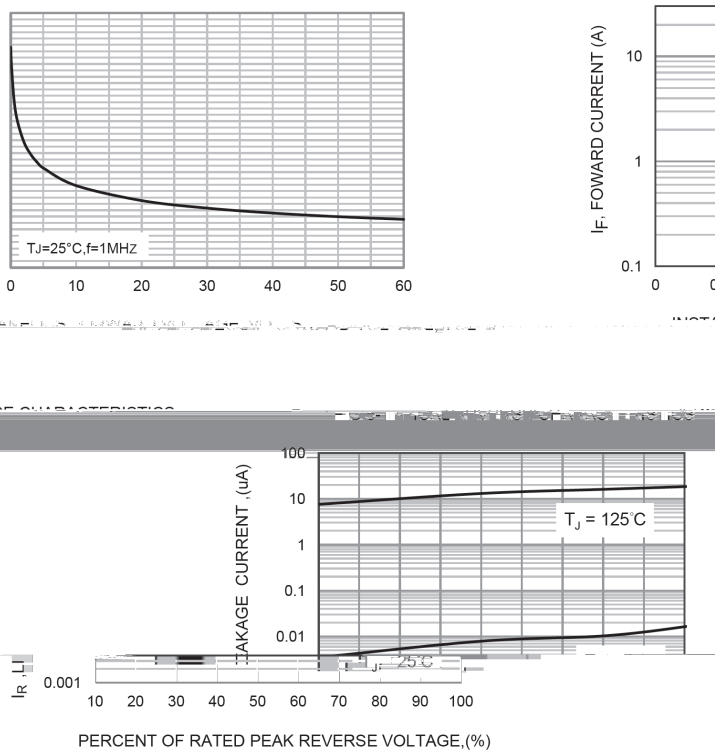
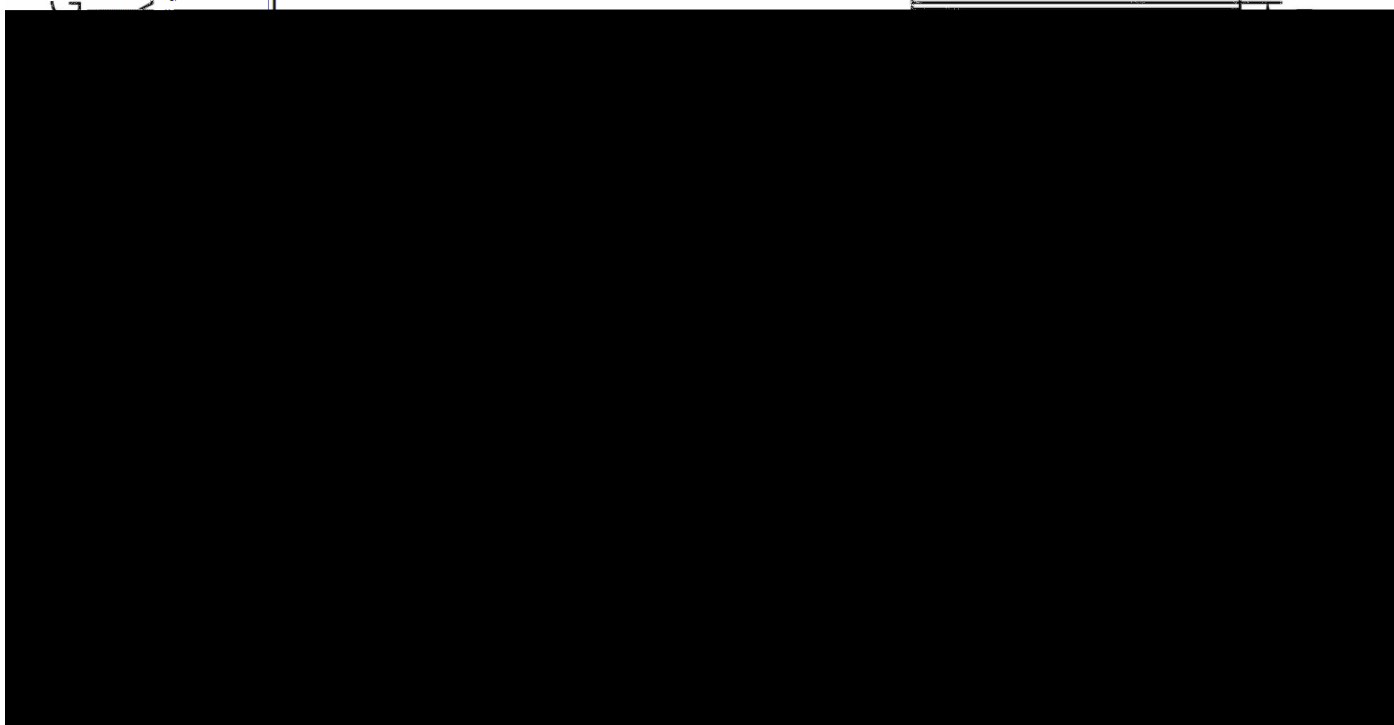
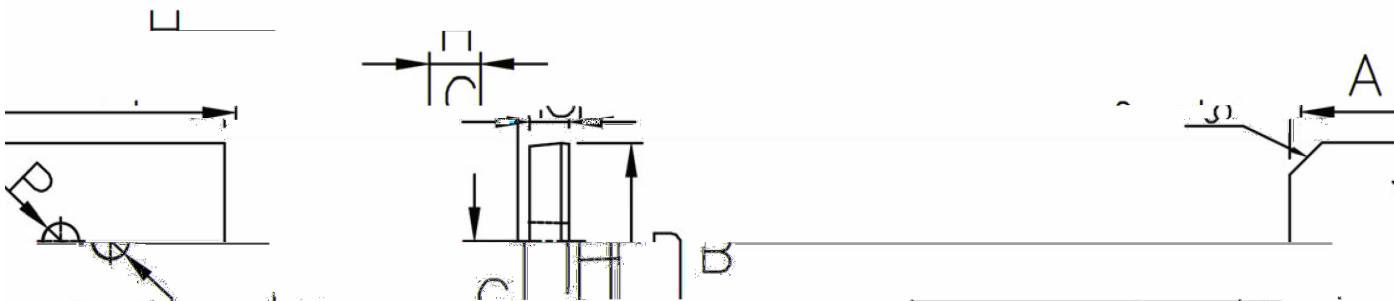


FIG.4-TYPICAL REVERSE CHARACTERISTICS

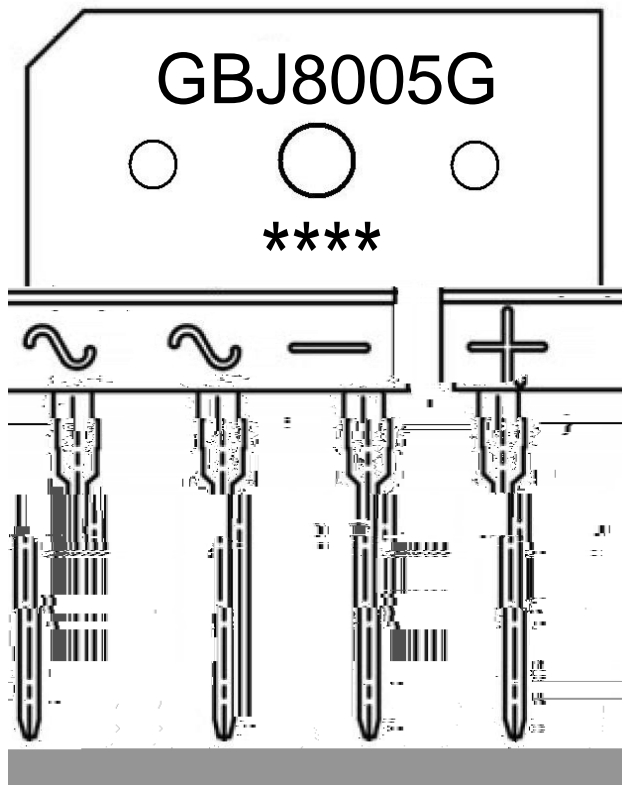


/ Package Dimensions

GBJ Package Outline Dimensions



/ Marking Instructions



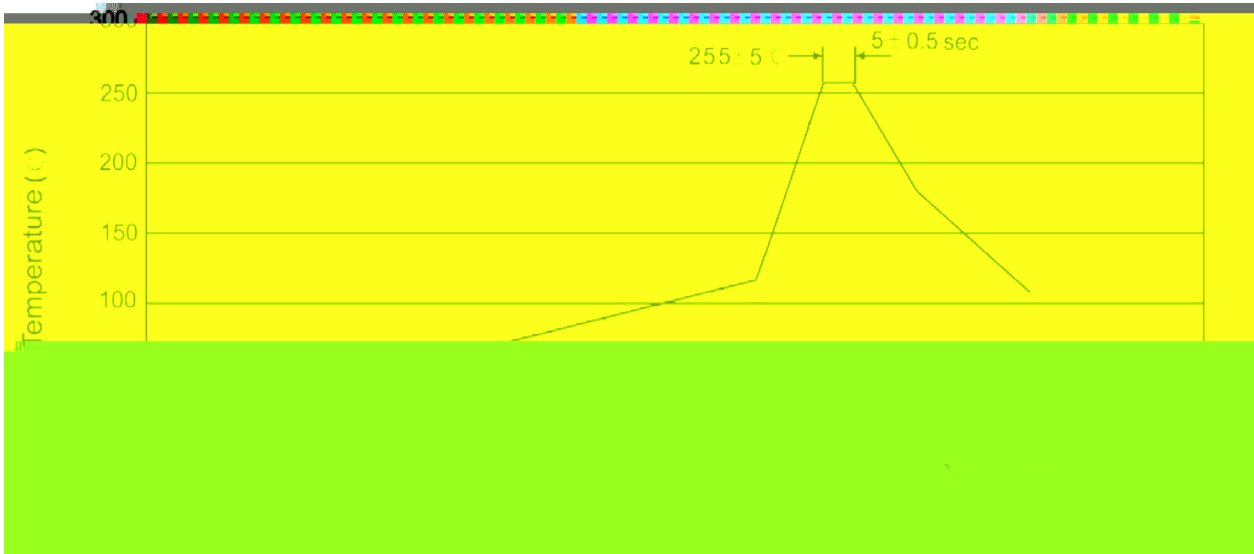
GBJ8005G:

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                      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	-	-						1 / 5