

产 品 规 格 书

Specification of Products

产品名称 Product Name : GPP 桥式整流器

产品型号 Product Type : GBU6M

拟制 Prepared By : 梁鲁川

制造部审核 Reviewed By : 王锋

QA 审核 Reviewed By : 王颖

批准 Approved By : 杨光强

乐山无线电股份有限公司

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产品规格书
Specification of Product

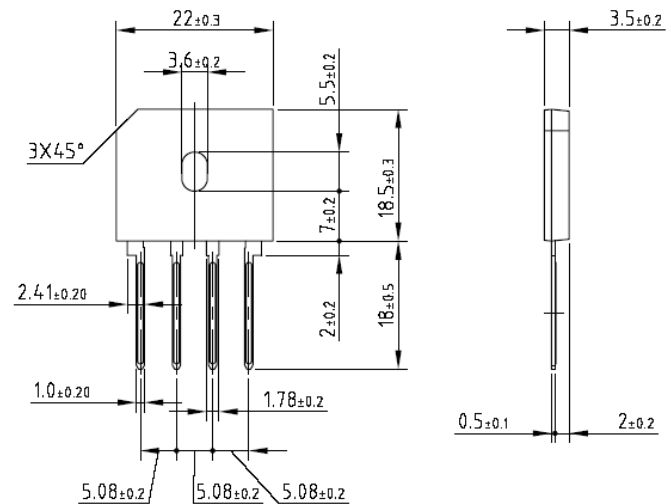
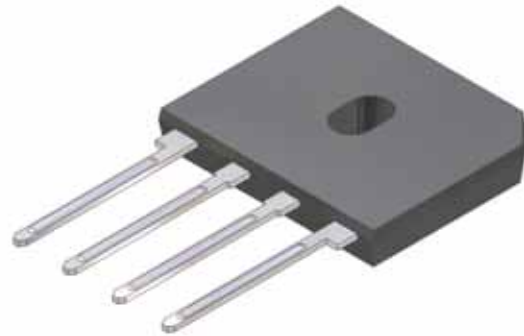
文件编号：BRD0085

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1. 外型尺寸Feature & Dimension

- Plastic Package has Underwriters Laboratory Flammability Classification 94V-0
- This series is UL listed under the Recognized Component index,file number E231047
- Single-in-line package
- High current capality with small package
- Superior thermal conductivity
- High temperature soldering guaranted:260°C/10 seconds
- High I_{FSM}



2. 产品性能Product Characteristic

Item	Symbol	GBU6A	GBU6B	GBU6D	GBU6G	GBU6J	GBU6K	GBU6M	Unit
Maximum repetitive voltage	VRM	50	100	200	400	600	800	1000	V
Maximum DC reverse current at TA=125°C rated DC blocking voltage TA=25°C	IR	5 500							μA
Maximum average forward With heatsink Tc=100°C rectified output current at Without heatsink TA=25°C	Io	6 2.8							A
Peak forward surge current 8.3 ms single half sine-wave superimposed on rated load	IFSM	175							A
Rating for fusing (t < 8.3 ms)	I²t	127							A²sec
Typical thermal resistance per leg	θja	35							°C/W
	θjc	3.0							
Maximum instantaneous forward voltage at 3.0A	VF	1							V
Operating junction temperature	Tj	150							°C
Storage temperature	Tstg	-55~150							°C
Mounting torque	Tor	Rating Torque : 0.8							N.m

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3. 特性曲线Characteristic Curve

图1.降额曲线

Fig1.Derating Curve

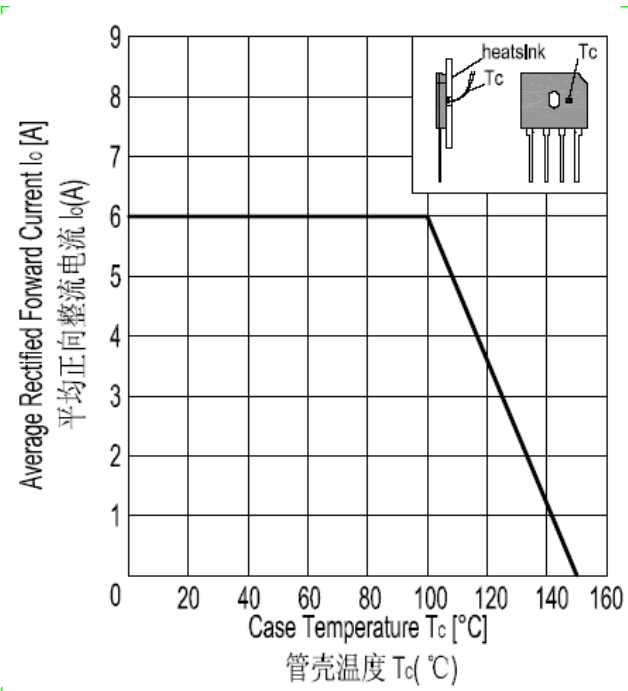


图2.标准反向特性曲线

Fig2.Typical Reverse Characteristics

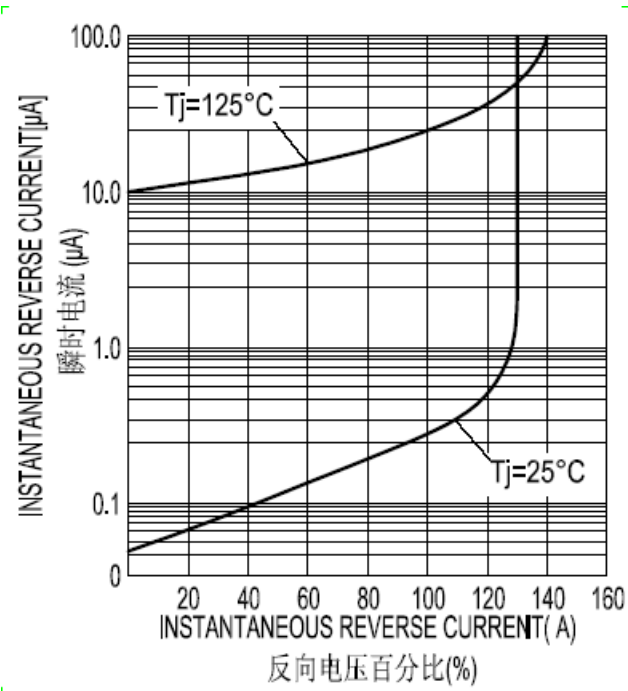


图3.正向电压曲线

Fig3.Forward Voltage

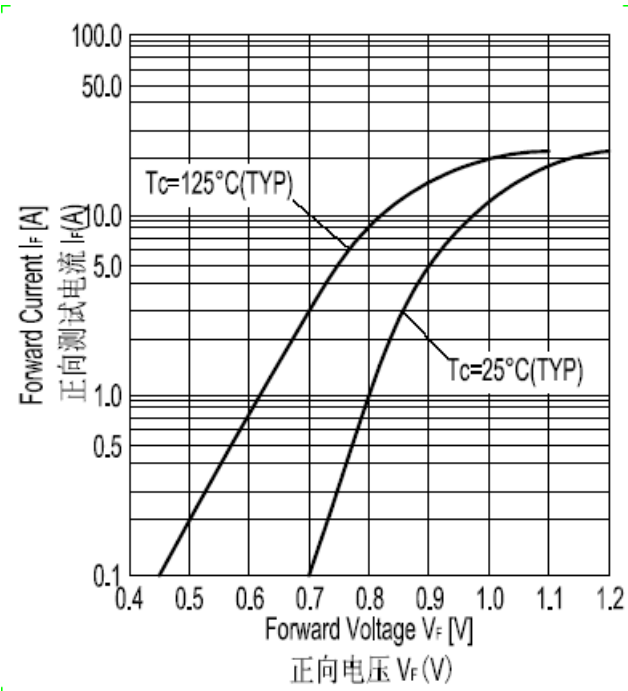
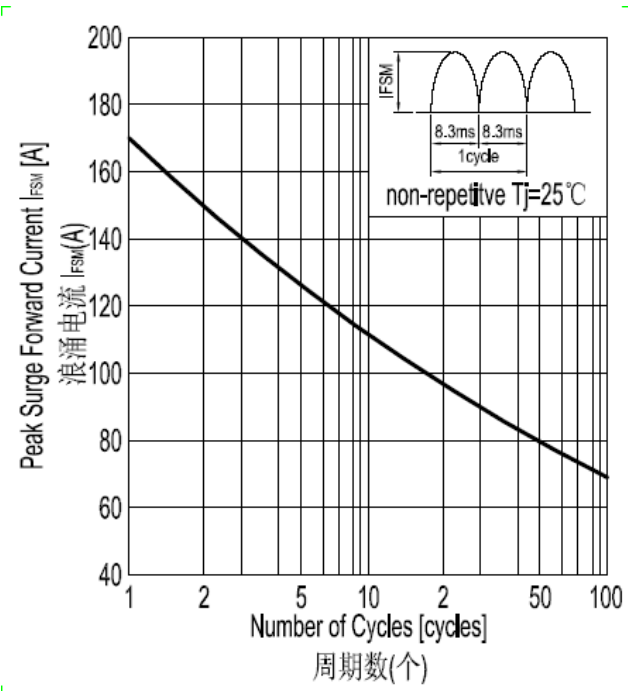


图4.浪涌电流

Fig4.Peak Surge Forward Capability

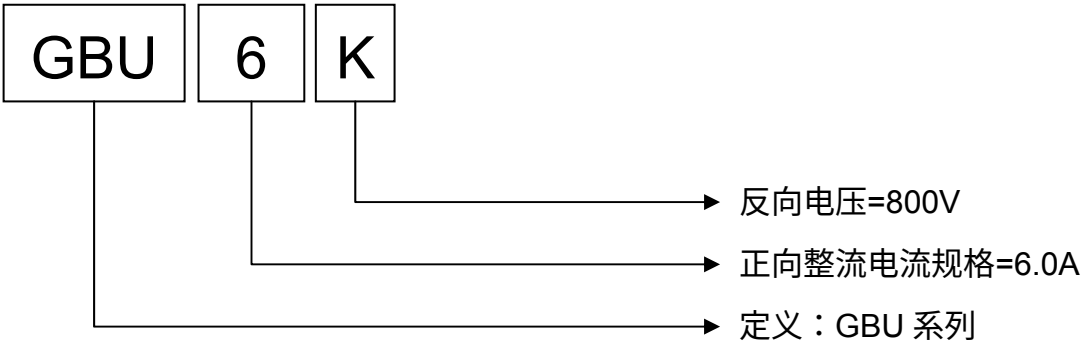


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4. 印字要求Marking Identification

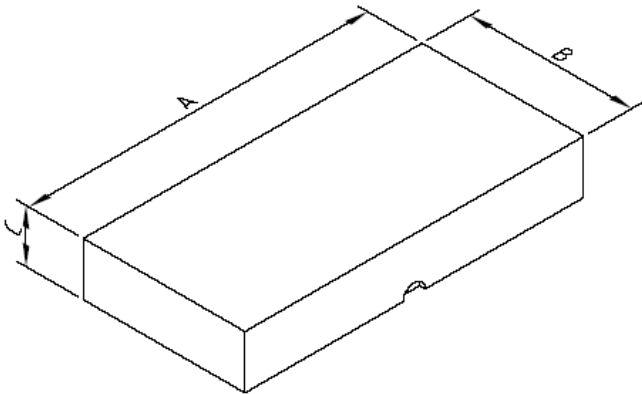


注释 Note :
 生产日期码包含3位数字，例如 “ 718 ”，第一个数字“ 7 ”表示为2007年，另外二个数字 “ 18 ” 是指第18周，即表示该产品为2007年18周生产。



5. 包装Packing

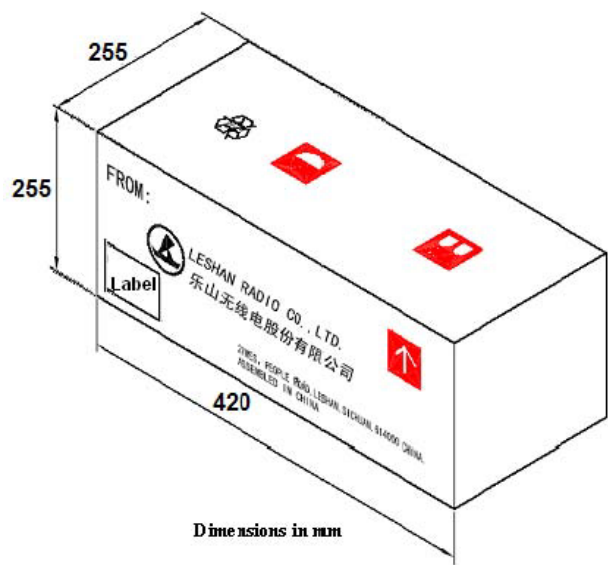
内盒Inner Box



A=235 B=220 C=48 500只/盒

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外箱Outside Carton Dimension



10盒/箱 5000只/箱

6. 符合RoHS声明 RoHS Compliance Declared

We declare that the material of product compliance with RoHS requirements.

7. 版次更新记录

版次	更新记录	更新作者	更新日期
1	封面	梁鲁川	2008.11.21
2			
3			
4			
5			
6			
7			
8			
9			