

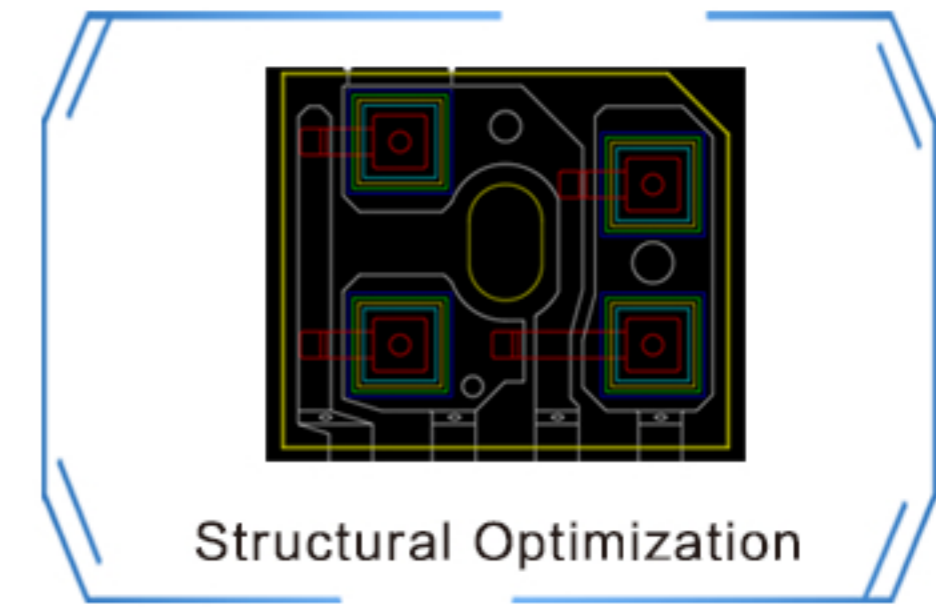
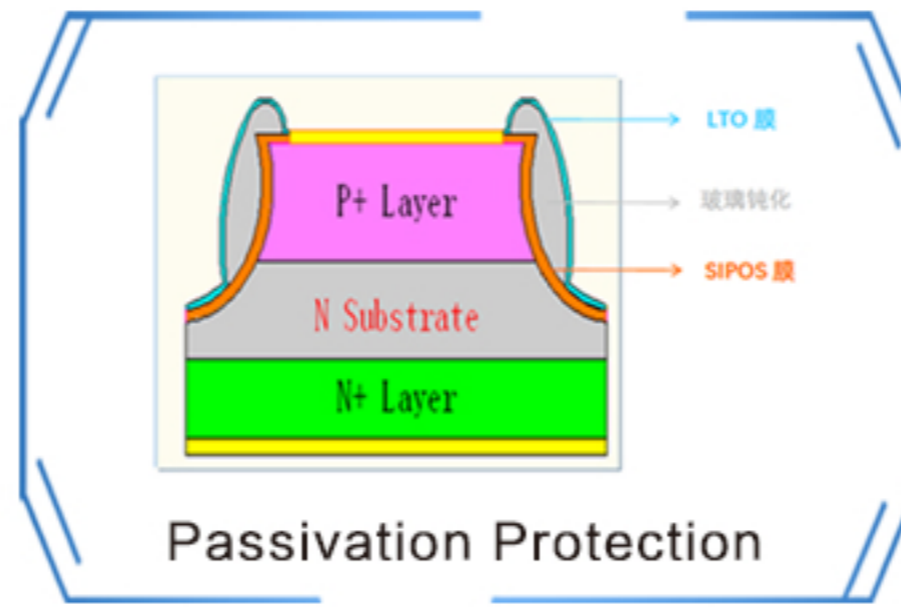
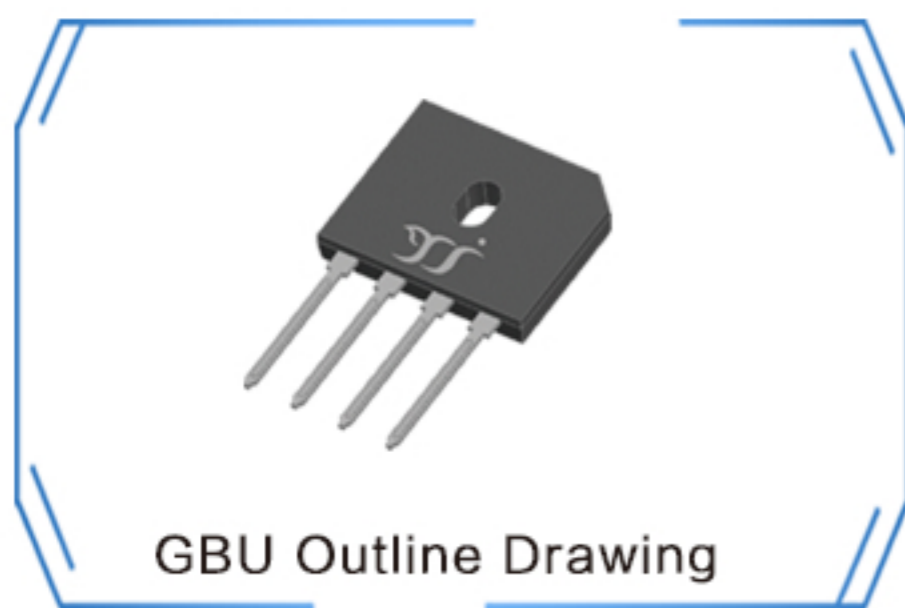
## GBU Package Extended 35A-50A High Current Series Products

### Product Introduction

GBU package plug-in bridge is widely used in all kinds of power products, as a front-end input rectifier, widely used in communications, computers and surrounding, lighting, home appliances, clean energy and other industries. As the wattages of terminal products continue to increase, the existing current range of GBU 4A-30A cannot fully meet the needs of customers, who require products with larger current specifications, while the dimensions of bridge reactor remain unchanged. Therefore, through sufficient market research, our company has developed the GBU package 35-50A series of specification products required by customers, which can meet the terminal application of PC power supply, server power supply and so on. In order to achieve a larger range of current gear products while maintaining the same package shape, the customers do not need to adjust the PCB board design and radiator size to reduce the power consumption of the bridge rectifiers, and can achieve higher power output.

### Product Features

1. GBU package dimensions remain unchanged, current range from 4A-30A, extended to 35A-50A;
2. Internal package Photo Glass process chip, three-layer passivation protection, stable high temperature characteristics and reliability;
3. The internal framework design of the product is optimized, which can place larger size chips and improve the flow capacity, with strong surge capacity and heat dissipation performance;



### Electrical Parameters

型号	反向重复峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		工作结温
	$V_{RRM}$ (V)	$I_o$ (A)	$I_{FSM}$ (A)	Rated $I_o$ (A)	$V_F$ (V)	$I_R$ (uA)@25°C	$I_R$ (uA)@125°C	$T_j$ (°C)
GBU35005A-GBU3510A	50-1000	35	450	17.5	1.0	5	100	-55 ~ +150
GBU50005-GBU5010	50-1000	50	500	25.0	1.0	5	200	-55 ~ +150
GBUL2506	600	25	450	12.5	0.92	5	200	-55 ~ +150
GBUL2508	800	25	450	12.5	0.92	5	200	-55 ~ +150

Please Refer To The Official Website For More Details

### Application



■ PC Power Supply



■ Server Power Supply