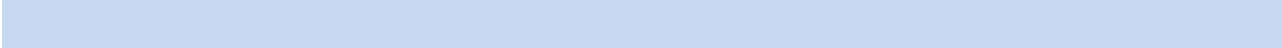




50~1000V 25A GBJ

Glass Passivated Bridge Rectifiers, Reverse Voltage:50~1000V,Forward Current:25A,GBJ package.

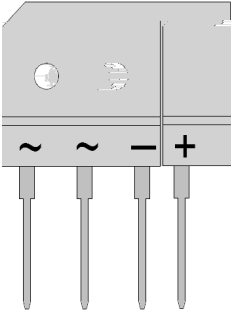
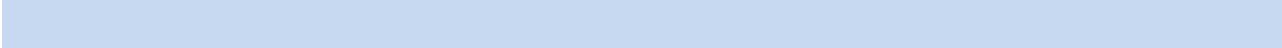


PCB UL 94V-0

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



General purpose.



1 2 3 4

PIN1 DC+ PIN2 AC PIN3 AC PIN4 DC-



See Marking Instructions

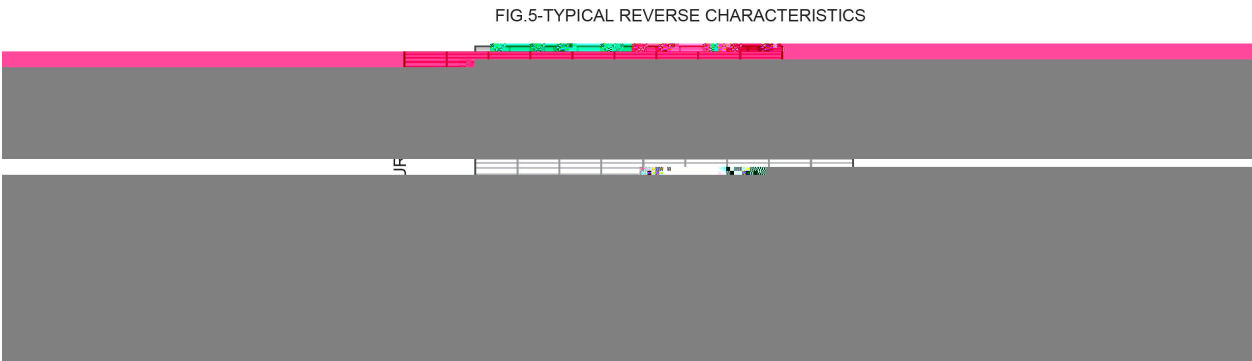
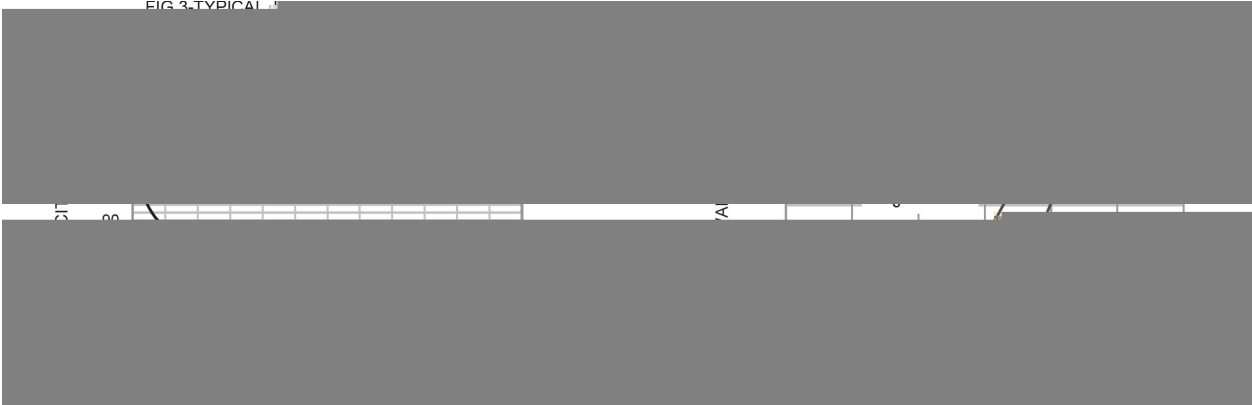


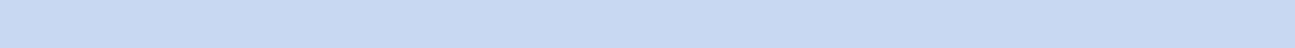
Symbol	Rating								Unit
	GBJ 25005	GBJ 2501	GBJ 2502	GBJ 2504	GBJ 2506	GBJ 2508	GBJ 2510		
V_{RRM}	50	100	200	400	600	800	1000	V	
V_{RMS}	35	70	140	280	420	560	700	V	
V_{DC}	50	100	200	400	600	800	1000	V	
$I_{F(AV)}$	25								A
I_{FSM}	270								A
I^2t	300								A ² s
CJ	70								pF
R_{Jc}	1.5								/W
T_j	-55 to +150								
T_{stg}	-55 to +150								

ed reverse voltage of 4.0V DC.

0mm*1.6mm Cu Plate Heatsink.

Symbol	Test Conditions	Rating	Unit
V_F	$I_F=12.5A$	1.0	V
urrent ge I_R	$T_a=25^\circ C$	5.0	μA

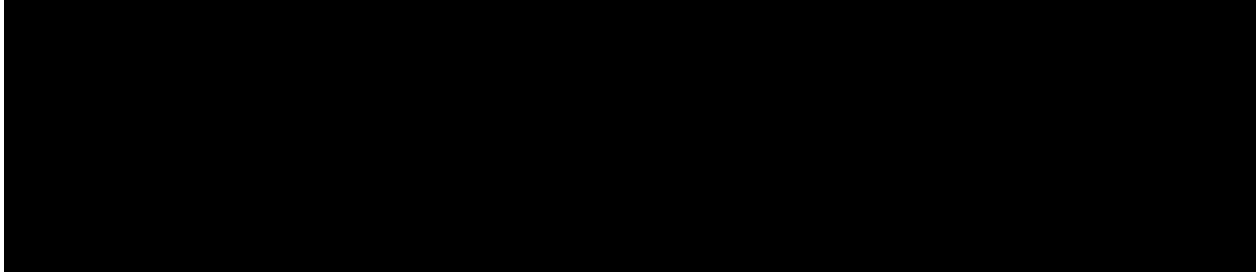




GBJ Package Outline Dimensions



Rev.A .Jul.-2018



Note:

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

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec