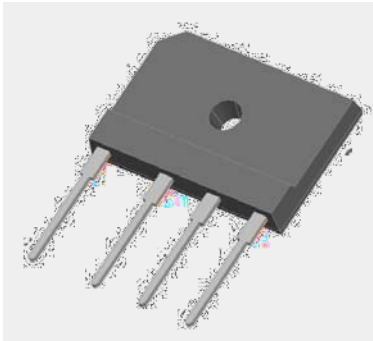


## Bridge Rectifiers

### Features

- UL recognition, file #E230084
- Thin single in-line package
- Glass passivated chip junction
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

### Typical Applications

General purpose use in AC/DC bridge full wave rectification for switching power supply, home appliances, office equipment, industrial automation applications.

### Mechanical Data

- **Package:** 6KBJ
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant  $T_c = 80^\circ\text{C}$

|  |                                              |  |  |     |
|--|----------------------------------------------|--|--|-----|
|  |                                              |  |  |     |
|  | Without heatsink<br>$T_a = 25^\circ\text{C}$ |  |  | 3.5 |

Forward Surge Current (Non-repetitive)  $I_{FSM}$  A  
@1ms, sq wave, 1 cycle  $M_j = 25^\circ\text{C}$

|                                                           |           |       |            |
|-----------------------------------------------------------|-----------|-------|------------|
| Junction temperature                                      | $T_j$     | -     | -55 ~ +150 |
| Dielectric strength<br>@ Terminals to case, AC 1 minute   | $V_{dis}$ | KV    | 2.5        |
| Mounting torque<br>@Recommend torque $\phi 5\text{kg cm}$ | Tor       | kg cm | 8          |



■Electrical Characteristics  $\ddot{A}T_a=25$  Unless otherwise specified  $\ddot{A}$

|           |  |
|-----------|--|
| PARAMETER |  |
|-----------|--|



■ Outline Dimensions

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6KBJ



## Disclaimer

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