**GBJ/KBJ6A/8A/10A SERIES**

**SINGLE PHASE 6.0/8.0/10.0 AMPS. GLASS PASSIVATED BRIDGE RECTIFIERS**

**FEATURES**
- UL Recognized File #230084
- Rating to 1000V PRV
- Ideal for printed circuit board
- Low forward voltage drop, high current capability
- Reliable low cost construction utilizing molded plastic technique results in inexpensive product
- The plastic material has UL flammability classification 94V-0

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

Rating at 25°C ambient temperature unless otherwise specified. Sing phase, half wave, 50Hz, resistive or inductive load.

For capacitive load, derate current by 20%

<table>
<thead>
<tr>
<th>Type Number</th>
<th>Voltage Range</th>
<th>Current</th>
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<tbody>
<tr>
<td>GBJ/KBJ6</td>
<td>50 to 1000 Volts</td>
<td>6.0/8.0/10.0 Amperes</td>
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</table>

**Dimensions in inches and (millimeters)**

- Hole for No. 6 Screw: 0.402 (10.2), 0.386 (9.8)
- HOLE FOR NO. 6 SCREW: .402(10.2) .386(9.8)
- SPACING: 0.106 (2.7), 0.096 (2.4)
- .165 (4.2), .150 (3.8)
- .708 (18.0), .669 (17.0)
- .303 (7.7), .287 (7.3)

**NOTES:**
1. Measured at 1.0MHz and applied reverse voltage of 4.0 V DC.
2. GBJ/KBJ6005 Thru GBJ/KBJ610: Device mounted on 75mm x 75mm x 1.6mm Cu Plate Heatsink.
3. GBJ/KBJ8005 Thru GBJ/KBJ810: Device mounted on 100mm x 100mm x 1.6mm Cu Plate Heatsink.
4. GBJ/KBJ10005 Thru GBJ/KBJ1010: Device mounted on 150mm x 150mm x 1.6mm Cu Plate Heatsink.