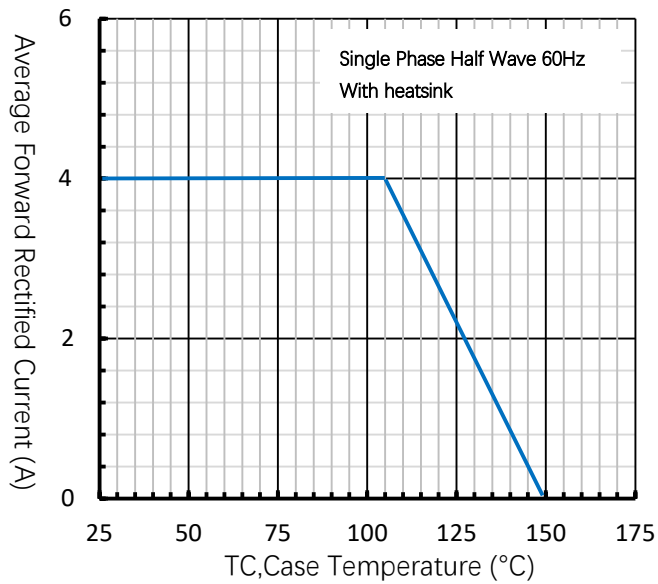
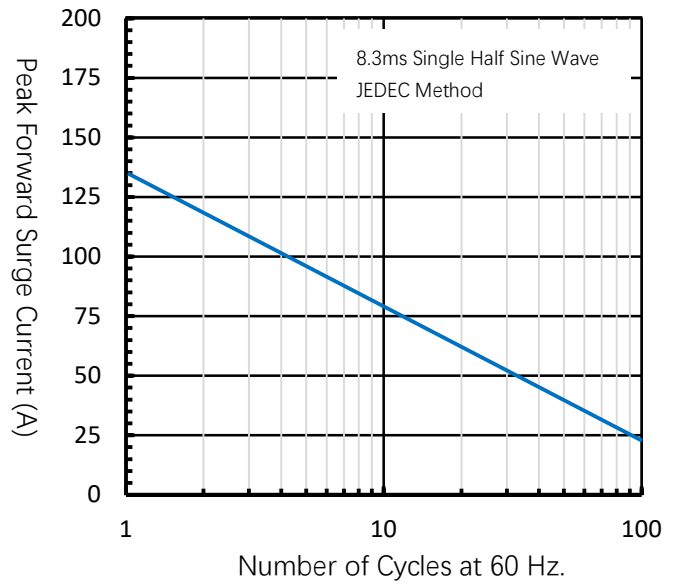


| PARAMETER          |                                                   | SYMBOL         | UNIT | GBU4005 | GBU401 | GBU402 | GBU404 | GBU406 | GBU408 | GBU410 |
|--------------------|---------------------------------------------------|----------------|------|---------|--------|--------|--------|--------|--------|--------|
| Thermal Resistance | Between junction and ambient,<br>Without heatsink | R $\theta$ J-A | °C/W | 26.0    |        |        |        |        |        |        |
|                    | Between junction and case,<br>With heatsink       | R $\theta$ J-C |      | 5.5     |        |        |        |        |        |        |

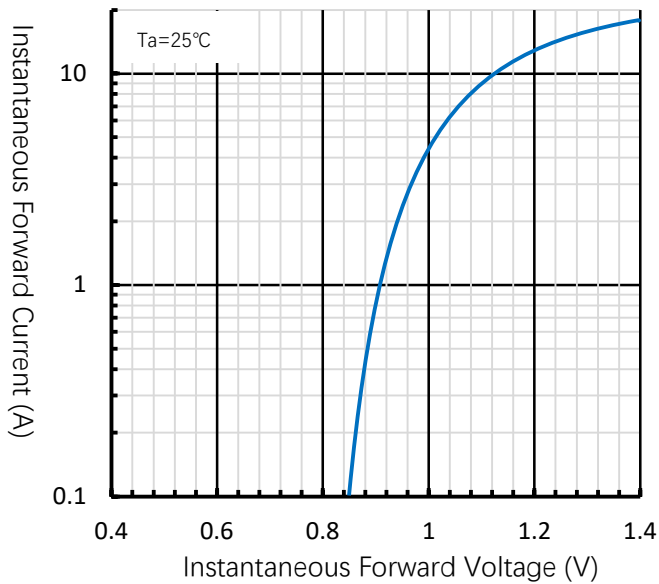
■ **Characteristics Curves**



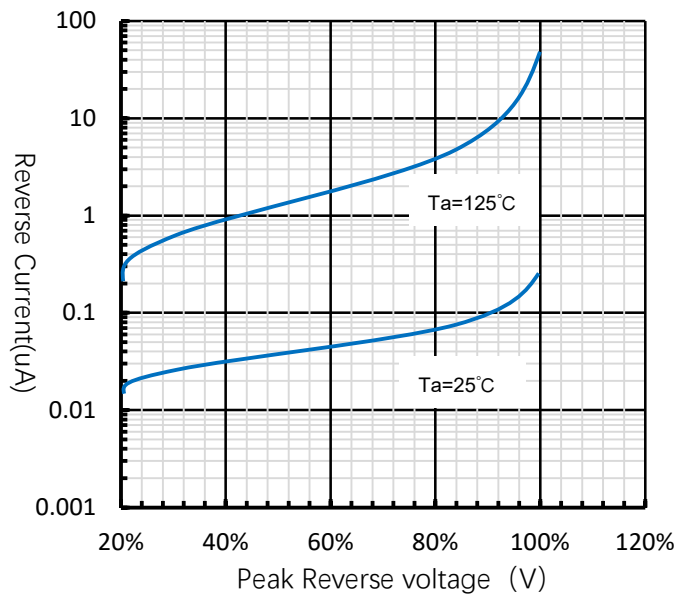
**Fig.1 Forward Current Derating Curve**



**Fig.2 Forward Surge Current Capability**



**Fig. 3 Typical Forward Characteristic**



**Fig. 4 Typical Reverse Characteristics**

■ Outline Dimensions    Dimensions in inches and (millimeters)

Package: GBU

