



Shenzhen VSEEI Semiconductor Co., Ltd

Features

- ◆ Surge overload rating -230 amperes peak
- ◆ Ideal for printed circuit board
- ◆ Reliable low cost construction utilizing molded plastic technique
- ◆ Plastic material has U/L flammability classification 94V-0

Technical drawing of a mechanical part with dimensions in inches and millimeters. The part features a cylindrical body with a chamfered top edge, a central hole, and a series of vertical slots. Dimensions are provided for various features, including diameters, radii, and lengths. A cross-section view is shown at the bottom right.

Key dimensions and features:

- Top diameters: $\varnothing .437(11.1)$, $\varnothing .430(10.9)$
- Chamfer: $.126(3.2) \times 45^\circ$
- Top radii: $.874(22.2)$, $.860(21.8)$
- Central hole: $\varnothing .154(3.9)$, $\varnothing .146(3.7)$
- Slot widths: $.232(5.9)$, $.224(5.7)$
- Bottom diameters: $\varnothing .401(10.2)$, $\varnothing .392(9.80)$
- Slot depths: $.752(19.1)$, $.720(18.3)$
- Slot widths (bottom): $.073(1.85)$, $.057(1.45)$
- Slot depths (bottom): $.720(18.29)$, $.680(17.27)$
- Slot widths (bottom): $.047(1.2)$, $.035(0.9)$
- Slot widths (bottom): $.100(2.54)$, $.085(2.16)$
- Slot widths (bottom): $.080(2.03)$, $.065(1.65)$
- Slot widths (bottom): $.106(2.7)$, $.091(2.3)$
- Slot widths (bottom): $.022(.56)$, $.018(.46)$
- Slot widths (bottom): $.210(5.3)$, $.190(4.8)$
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Maximum Ratings And Electrical Characteristics

Dimensions in inches and (millimeters)

Ratings at 25°C ambient temperature unless otherwise specified.

Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

[illegible]

NOTES: 1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.
2. Device mounted on 100mm*100mm*1.6mm cu plate heatsink.
3. The typical data above is for reference only.

Ratings And Characteristic Curves

FIG.1-DERATING CURVE FOR
OUTPUT RECTIFIED CURRENT

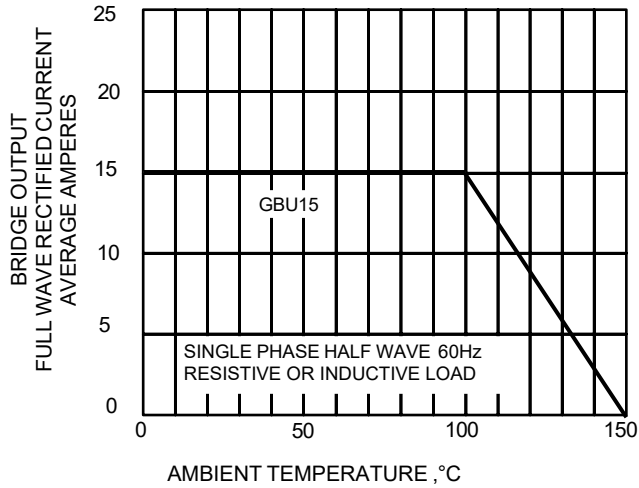


FIG.2-MAXIMUM NON-REPETITIVE SURGE CURRENT

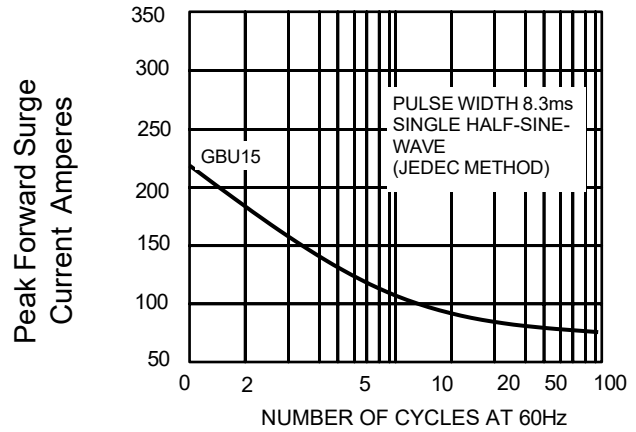


FIG.3-TYPICAL REVERSE
CHARACTERISTICS

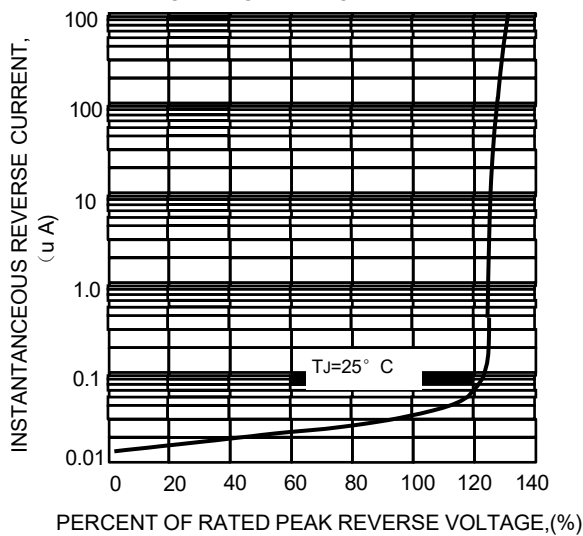
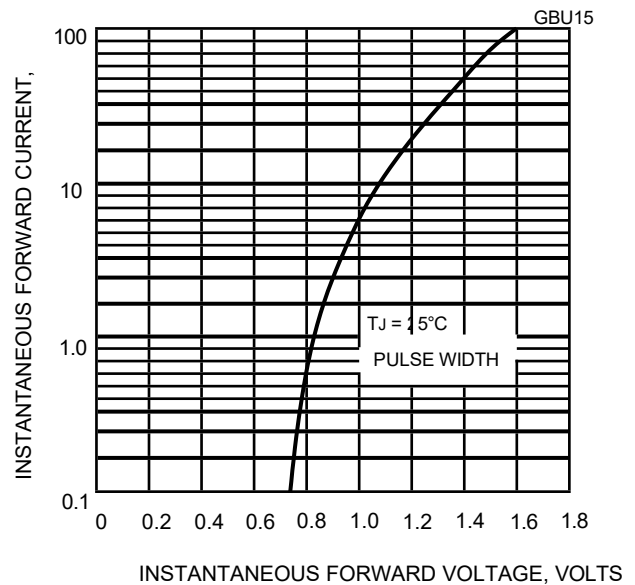


FIG.4-TYPICAL FORWARD CHARACTERISTICS



The cruve graph is for reference only