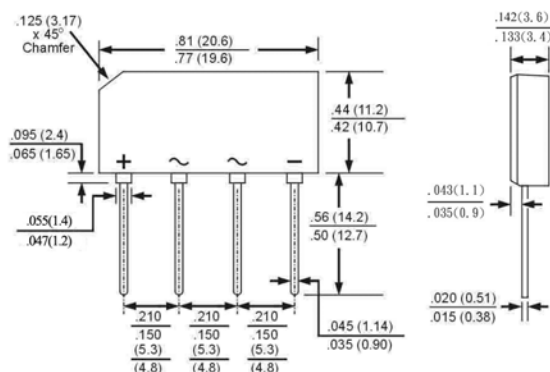


RoHS Compliant Product
A suffix of "-C" specifies halogen-free.

● FEATURES

- Surge overload rating – 60 amperes peak
- Ideal for printed circuit board
- Plastic material has underwrites laboratory Flammability classification 94V-0
- Mounting position: Any



Dimensions in inches and (millimeters)

● MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating 25 °C ambient temperature unless otherwise specified.
Resistive or inductive load, 60Hz,
For capacitive load, derate current by 20%.

TYPE NUMBER	SYMBOL	GBJ2A	GBJ2B	GBJ2D	GBJ2G	GBJ2J	GBJ2K	GBJ2M	UNITS
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @ Ta=50°C	I_{AV}	2.0							A
Peak Forward Surge Current, 8.3 ms single half Sine-wave superimposed on rated load (JEDEC method)	I_{FSM}	60							A
Maximum Forward Voltage Drop Per Bridge Element at 1.0A Peak	V_F	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage per Element @ Ta=25 °C	I_R	10.0							μA
Maximum Reverse Current at Rated DC Blocking Voltage per Element @ Ta=100 °C		1.0							mA
Operating Temperature Range	T_J	- 55 ~ + 150							°C
Storage Temperature Range	T_{STG}	- 55 ~ + 150							°C

● RATING AND CHARACTERISTIC CURVES

FIG. 1 - DERATING CURVE
OUTPUT RECTIFIED CURRENT

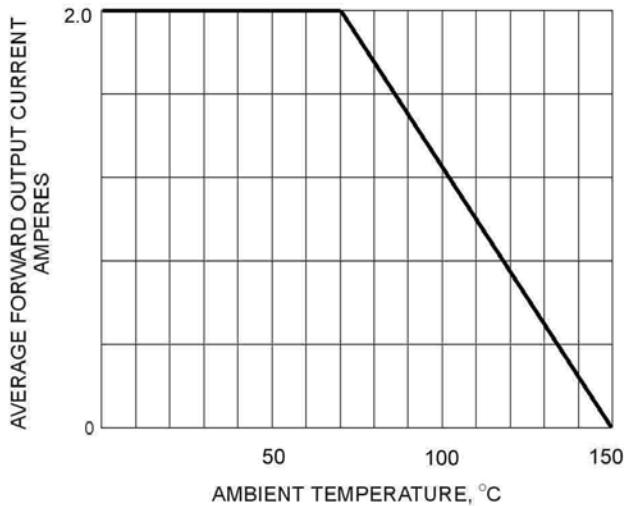


FIG. 2 - TYPICAL FORWARD
CHARACTERISTICS

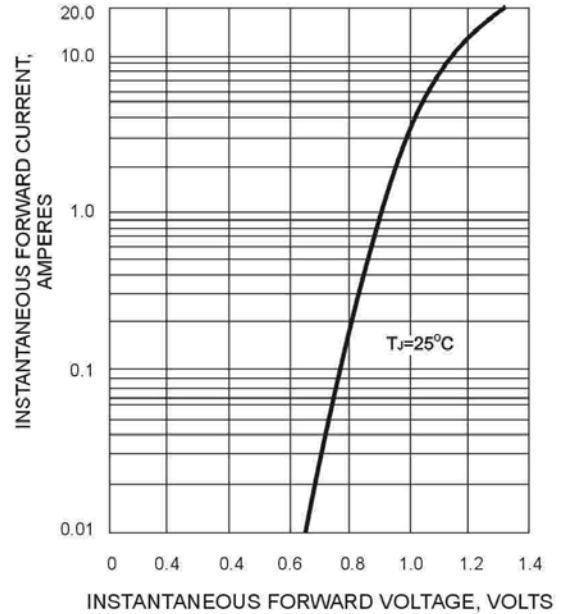


FIG. 3 - TYPICAL REVERSE
CHARACTERISTICS

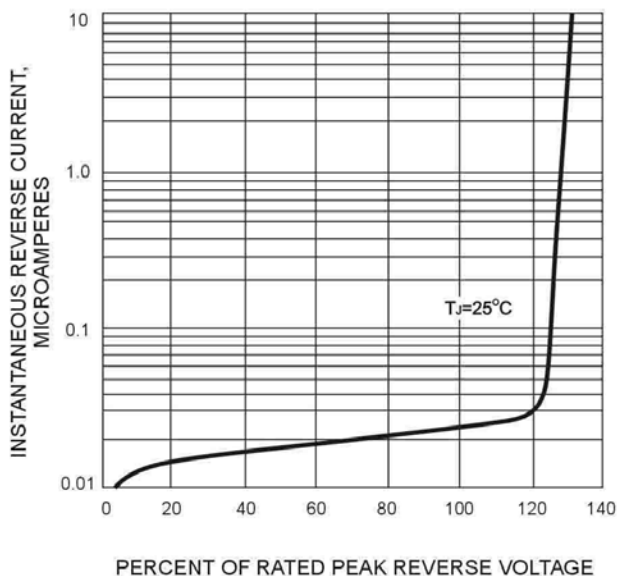


FIG. 4 - MAXIMUM FORWARD SURGE CURRENT

