

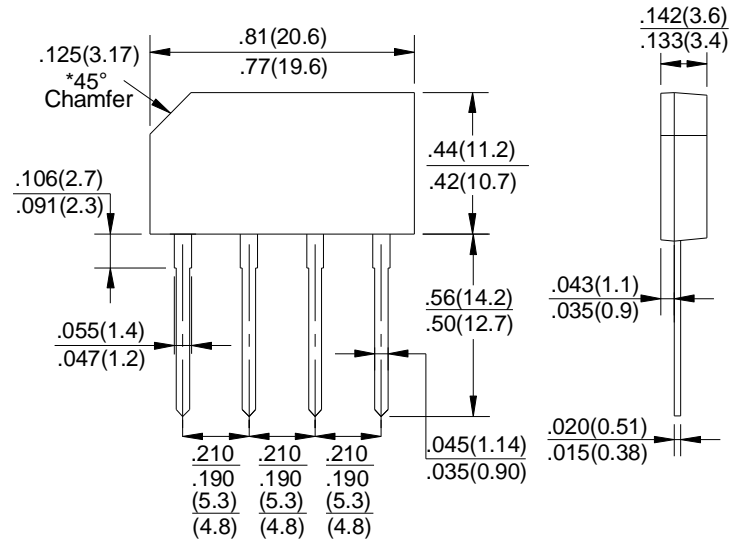
GLASS PASSIVATED BRIDGE RECTIFIERS

REVERSE VOLTAGE - 50 to 1000Volts
FORWARD CURRENT - 2.0 Amperes

FEATURES

- Surge overload rating -60amperes peak
- Ideal for printed circuit board
- Plastic material has U/L flammability classification 94V-0
- Mounting position:Any

2GBJ



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Resistive or inductive load,60HZ.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	GBJ2005	GBJ201	GBJ202	GBJ204	GBJ206	GBJ208	GBJ210	UNIT	
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	v	
Maximum RMS Bridge Input Voltage	V _{RMS}	30	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 Output Current @ T _A =50°C	I(AV)	2.0								A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	I _{FSM}	60								A
Maximum Forward Voltage Drop Per Bridge Element at 2.0A Peak	V _F	1.1								v
Maximum Reverse Current at Rated DC Blocking Voltage Per Element	I _R	10.0								uA
Maximum Reverse Current at Rated DC Blocking Voltage Per Element @ T _A =100°C	I _R	1.0								mA
Operating Temperature Range	T _J	-55 to +150								°C
Storage Temperature Range	T _{STG}	-55 to +150								°C

FIG.1- DERATING CURVE
OUTPUT RECTIFIED CURRENT

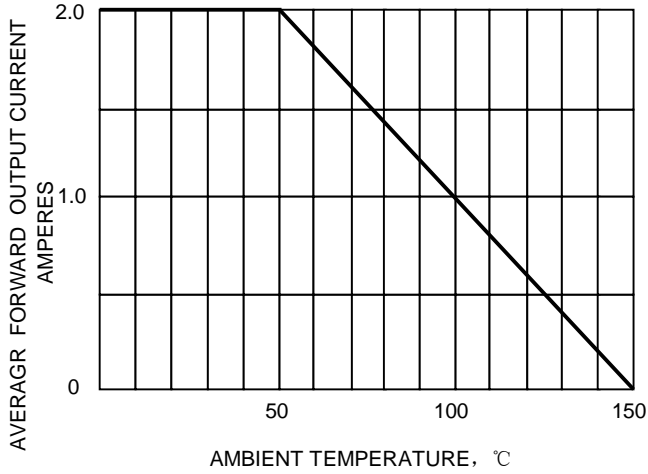


FIG.2-TYPICAL FORWARD
CHARACTERISTICS

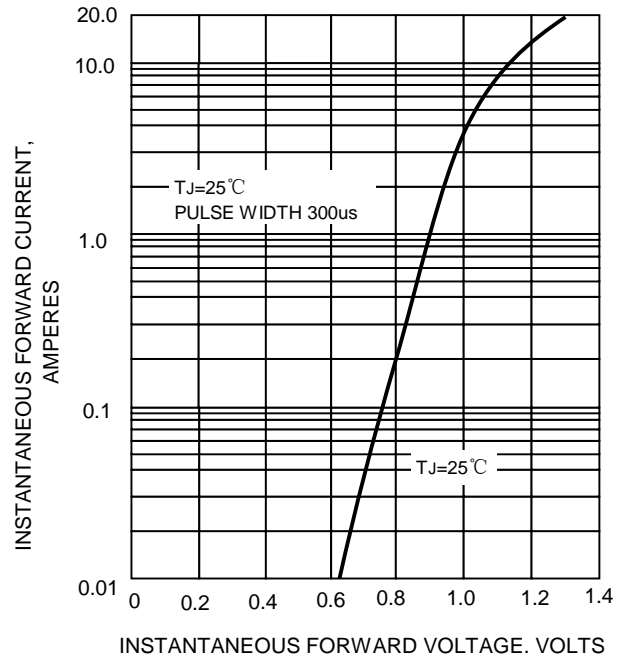


FIG.3-TYPICAL REVERSE
CHARACTERISTICS

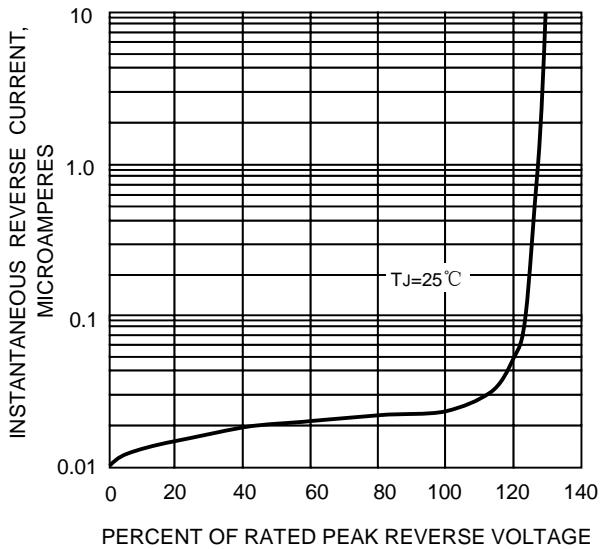


FIG.4-MAXIMUM FORWARD SURGE CURRENT

