



GBJ2005 thru GBJ210

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 postition:Any	2GBJ Dimensions in inches and (millimeters)

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	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	30	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Output Current @ TA=50°C	I(AV)	2.0							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	60							A
Maximum Forward Voltage Drop Per Bridge Element at 2.0A Peak	VF	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage Per Element	IR	10.0							uA
Maximum Reverse Current at Rated DC Blocking Voltage Per Element @ TA=100°C	IR	1.0							mA
Operating Temperature Range	TJ	-55 to +150							°C
Storage Temperature Range	TSTG	-55 to +150							°C





FIG.1- DERATING CURVE
OUTPUT RECTIFIED CURRENT

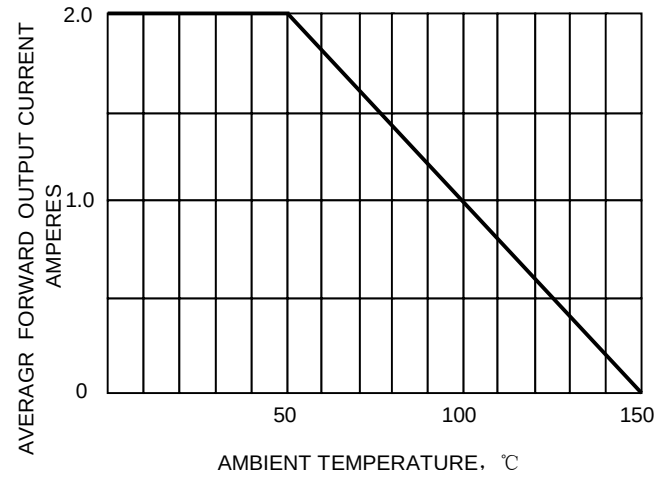


FIG.2-TYPICAL FORWARD
CHARACTERISTICS

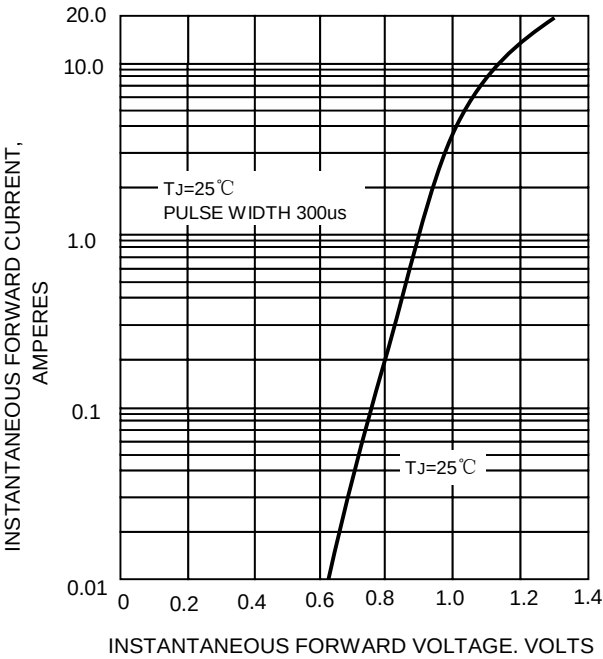


FIG.3-TYPICAL REVERSE
CHARACTERISTICS

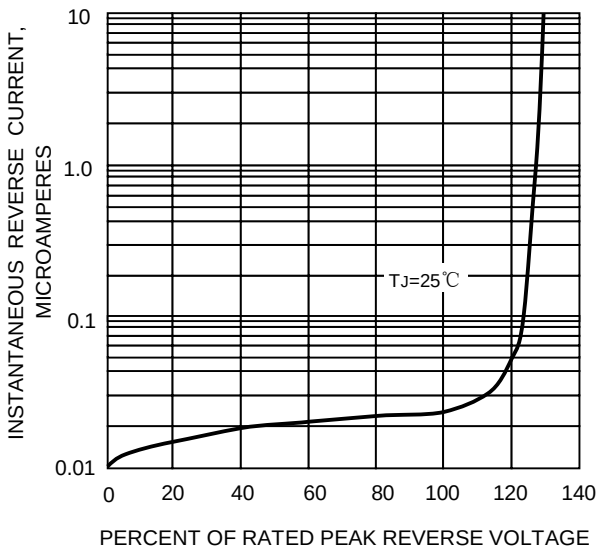


FIG.4-MAXIMUM FORWARD SURGE CURRENT

