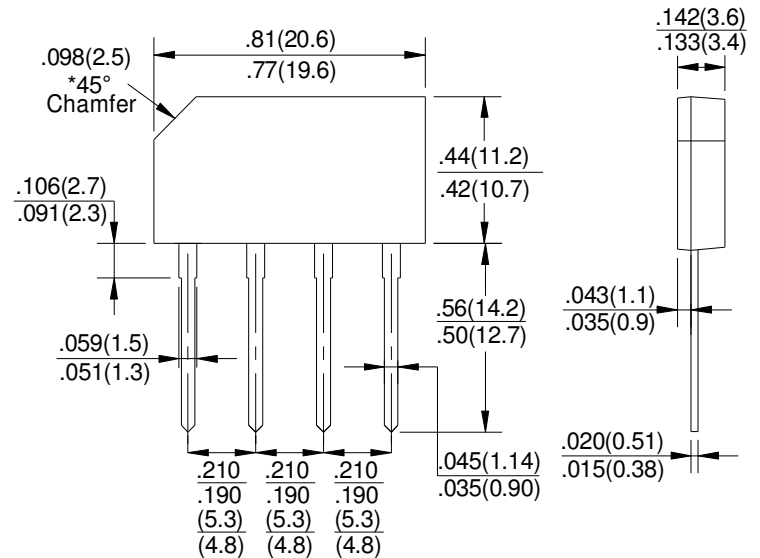


**GLASS PASSIVATED
BRIDGE RECTIFIERS**
**REVERSE VOLTAGE - 600Volts
FORWARD CURRENT - 4.0 Amperes**
FEATURES

- Surge overload rating - 125 amperes peak
- Ideal for printed circuit board
- Plastic material has underwriters laboratory flammability classification 94V-0
- Mounting position: Any

2GBJ


Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Single phase, half wave ,60Hz, resistive or inductive load.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	GBL06F	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	600	V
Maximum RMS Bridge Input Voltage	VRMS	420	V
Maximum DC Blocking Voltage	VDC	600	V
Maximum Average Forward Rectified Output Current @ TA=50°C (Note1)	I(AV)	4.0	A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	125	A
Maximum Forward Voltage Drop Per Bridge Element at 4.0A Peak	VF	0.95	V
Maximum Reverse Current at Rated DC Blocking Voltage	IR	10.0	µA
Maximum Reverse Current at Rated DC Blocking Voltage @ TJ =100°C	IR	1.0	mA
Operating Temperature Range	TJ	-55 to +150	°C
Storage Temperature Range	TSTG	-55 to +150	°C

Note:1.Mounting conditions,0.5" lead length maximum.



FIG.1-MAXIMUM NON-REPETITIVE SURGE CURRENT

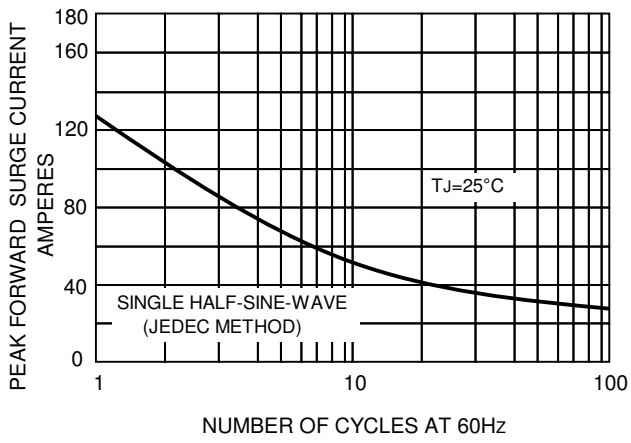


FIG.2-FORWARD DERATING CURRENT

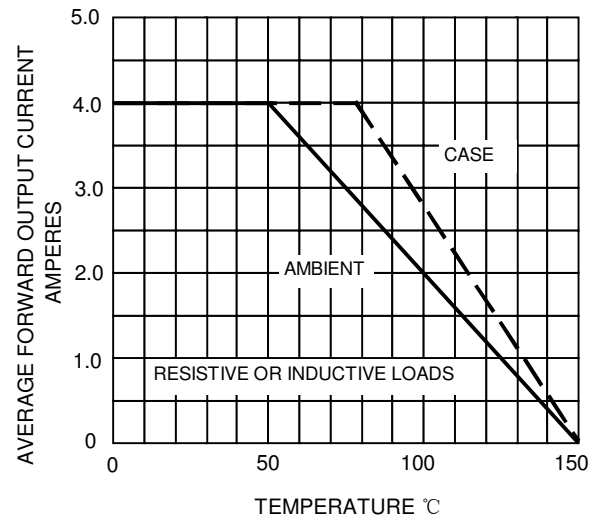


FIG.3-TYPICAL FORWARD CHARACTERISTICS

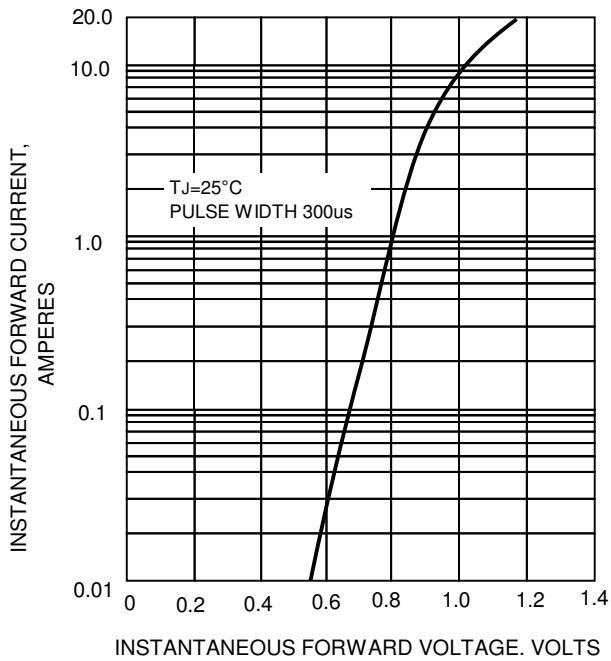


FIG.4-TYPICAL REVERSE CHARACTERISTICS

