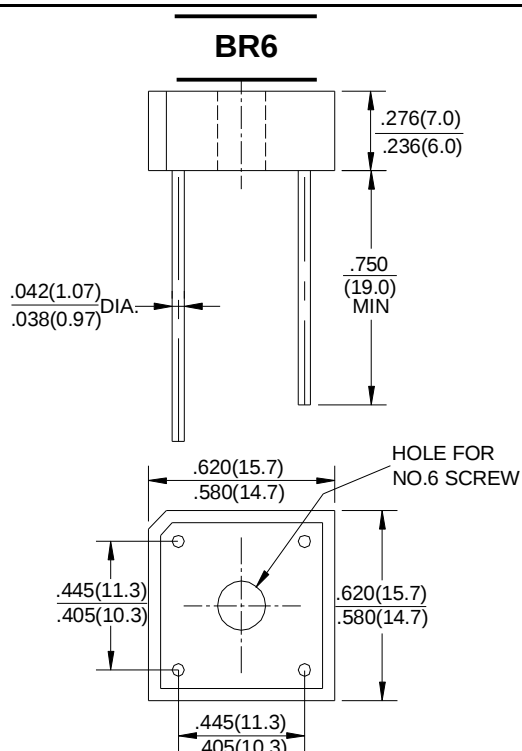


GLASS PASSIVATED BRIDGE RECTIFIERS

REVERSE VOLTAGE - 50 to 1000Volts
FORWARD CURRENT - 6.0 Amperes

FEATURES

- Surge overload rating -150 amperes peak
- Low forward voltage drop
- Small size; simple installation
- Silver plated copper leads
- Mounting position: Any



Polarity shown on side of case, Positive lead by beveled corner.

Dimensions in inches and (milimeters)

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	BR6005G	BR601G	BR602G	BR604G	BR606G	BR608G	BR610G	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 Average Forward Rectified Output Current at T _c =100°C (Note1) T _A =50°C (Note2)	I _(AV)	6.0 3.0							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	I _{FSM}	150							A
Maximum Forward Voltage Drop Per Bridge Element at 3.0A Peak	V _F	1.1							V
Maximum Reverse Current at Rated T _A =25°C	I _R	10.0							uA
DC Blocking Voltage Per Element T _A =100°C		1.0							mA
Operating Temperature Range	T _J	-55 to +150							°C
Storage Temperature Range	T _{STG}	-55 to +150							°C

Notes:1. Unit mounted on metal chassis

2. Unit mounted on P.C. board

FIG.1-DERATING CURVE FOR
OUTPUT RECTIFIED CURRENT

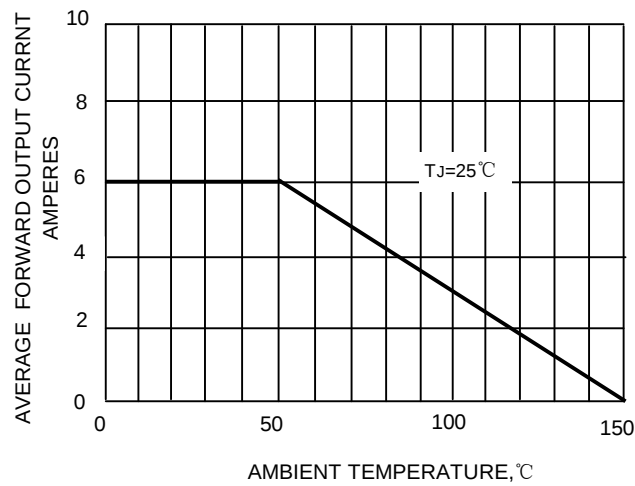


FIG.2-TYPICAL REVERSE
CHARACTERISTICS

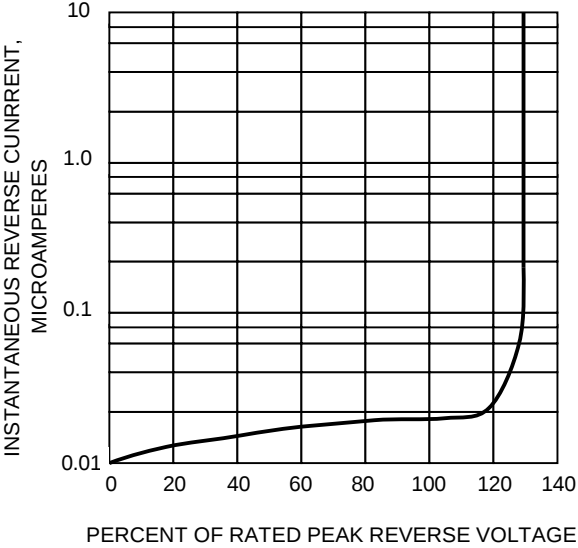


FIG.3-MAXIMUM FORWARD SURGE CURRENT

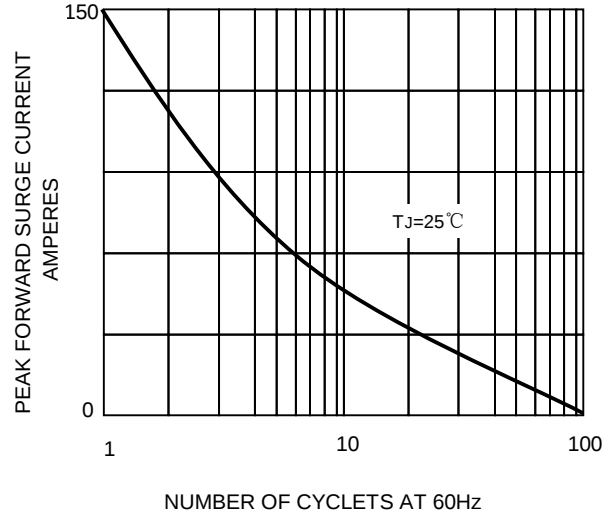


FIG.4-TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

