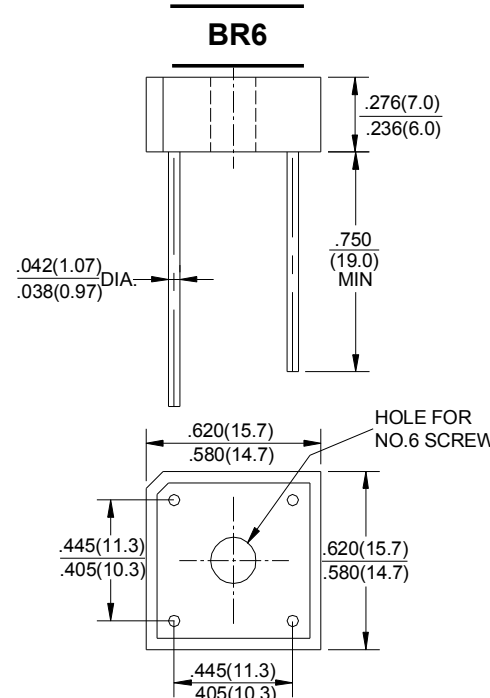


GLASS PASSIVATED BRIDGE RECTIFIERS	<p>REVERSE VOLTAGE - 50 to 1000Volts FORWARD CURRENT - 6.0 Amperes</p>
<p>FEATURES</p> <ul style="list-style-type: none"> ● Surge overload rating -150 amperes peak ● Low forward voltage drop ● Small size; simple installation ● Sliver plated copper leads ● Mounting position: Any 	 <p style="text-align: center;">Polarity shown on side of case, Positive lead by beveled corner. Dimensions in inches and (milimeters)</p>

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	VRRM	50	100	200	400	600	800	1000	v	
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	v	
Maximum Average Forward Rectified Output Current at Tc=100°C (Note1) TA=50°C (Note2)	IAV	6.0						3.0		A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	150								A
Maximum Forward Voltage Drop Per Bridge Element at 3.0A Peak	VF	1.1								V
Maximum Reverse Current at Rated DC Blocking Voltage Per Element	IR	10.0						1.0		μA
Operating Temperature Range	TJ	-55 to +150								°C
Storage Temperature Range	TSTG	-55 to +150								°C

Notes:1. Unit mounted on metal chassis
 2. Unit mounted on P.C. board

RATING AND CHARACTERISTIC CURVES BR6G SERIES

FIG.1-DERATING CURVE FOR
OUTPUT RECTIFIED CURRENT

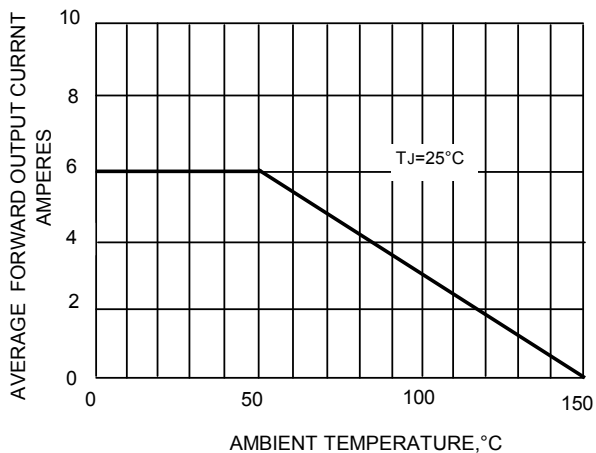


FIG.2-TYPICAL REVERSE
CHARACTERISTICS

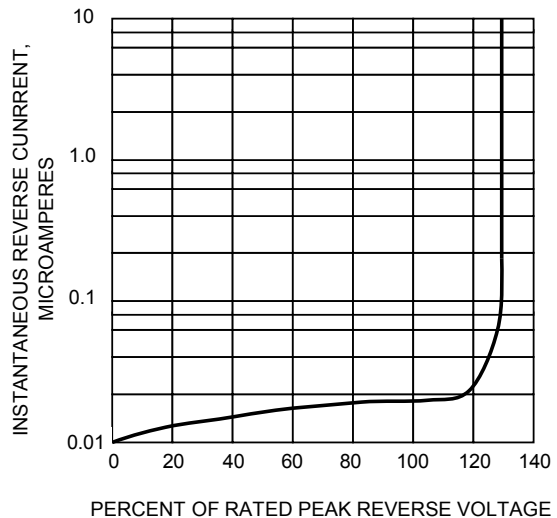


FIG.3-MAXIMUM FORWARD SURGE CURRENT

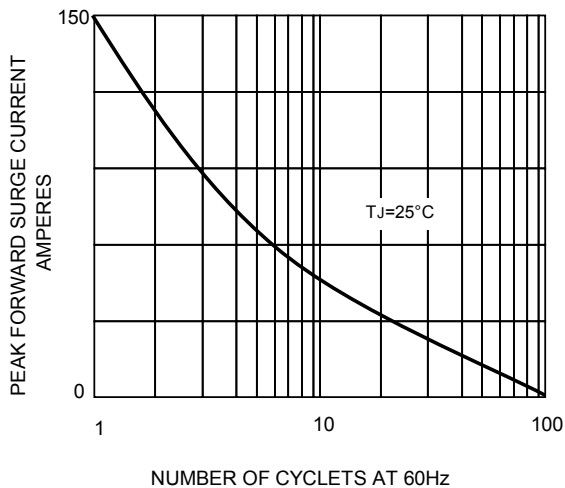


FIG.4-TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

