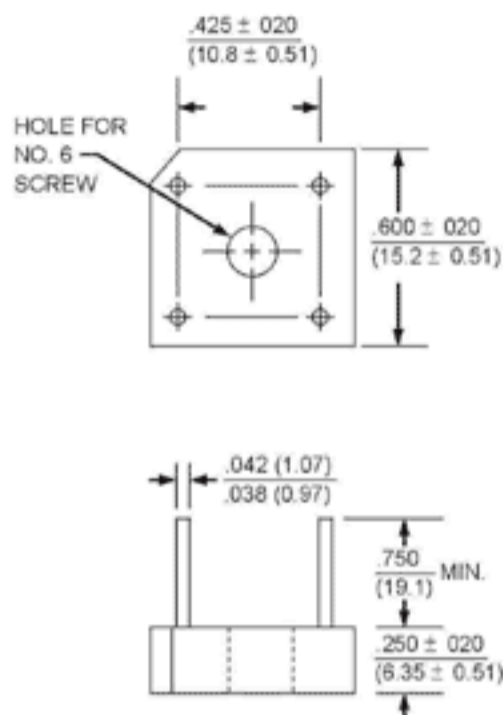


**GLASS PASSIVATED
BRIDGE RECTIFIERS**
REVERSE VOLTAGE - 50 to 1000 Volts
FORWARD CURRENT - 6.0 Amperes
FEATURES

- 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 (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	KBPC 6005G	KBPC 601G	KBPC 602G	KBPC 604G	KBPC 606G	KBPC 608G	KBPC 610G	UNIT
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	35	70	140	280	420	560	700	V
Maximum Average Forward Rectified Output Current at $T_C=100^{\circ}\text{C}$ (Note 1) $T_A=50^{\circ}\text{C}$ (Note 2)	6.0						3.0	A
Peak Forward Surge Current, 8.3ms single half sine-wave super imposed on rated load	150							A
Maximum Forward Voltage Drop per Bridge Element at 3.0A Peak	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage per Element $T_A=25^{\circ}\text{C}$ $T_A=100^{\circ}\text{C}$	10.0						1.0	μA mA
Operating Temperature Range T_C	-55 to +150							°C
Storage Temperature Range T_A	-55 to +150							°C

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