



查询KBPC610G供应商

KBPC600G

搞多帮 专业PCB打样工厂 24小时加急出货

SINGLE PHASE 6.0 AMPS. GLASS PASSIVATED BRIDGE RECTIFIERS



VOLTAGE RANGE

50 to 1000 Volts

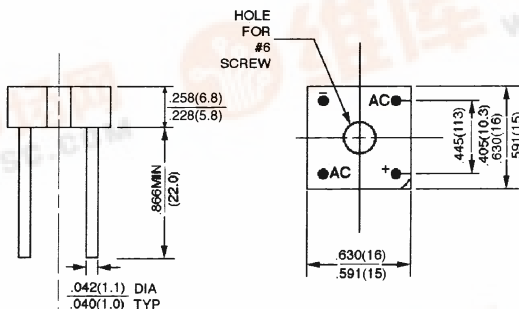
CURRENT

6.0 Amperes

FEATURES

- * Surge overload rating 200 amperes peak
- * Low forward voltage drop
- * Mounting position: Any
- * Small size, simple installation
- * Leads solderable per MIL-STD-202, method 208

KBPC-6



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

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

For capacitive load, derate current by 20%

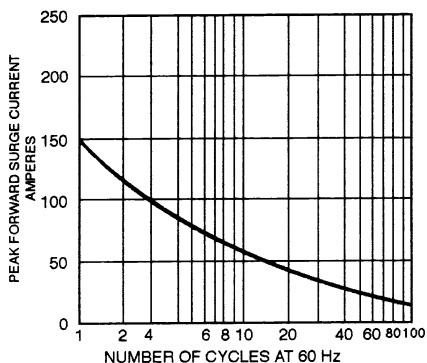
TYPE NUMBER	SYMBOLS	KBPC 600G	KBPC 601G	KBPC 602G	KBPC 604G	KBPC 606	KBPC 608G	KBPC 610G	UNITS
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum D. C Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @ $T_C = 50^\circ C$	$I_{F(AV)}$	6.0							A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load(JEDEC method)	I_{FSM}	150							A
Maximum Forward Voltage Drop per element @ 3.0A	V_F	1.10							V
Maximum Reverse Current at Rated @ $T_A = 25^\circ C$ D. C. Blocking Voltage per element @ $T_A = 125^\circ C$	I_R	10 500							μA μA
Operating Temperature Range	T_J	- 55 to + 150							$^\circ C$
Storage Temperature Range	T_{STG}	- 55 to + 150							$^\circ C$



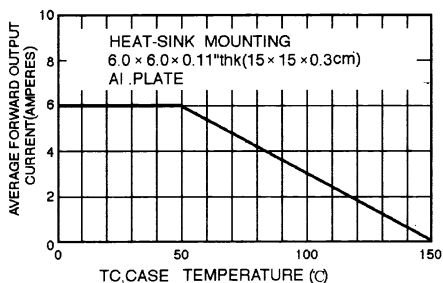
- NOTE
- (1) Bolt down on heat - sink with silicone thermal compound between bridge and mounting surface for maximum heat transfer with # 6 screw
 - (2) Unit mounted on 6.0 x 6.0 x 0.11"thick(15 x 15 x 0.3cm) Al. Plate

RATINGS AND CHARACTERISTIC CURVES (KBPC600G THRU KBPC610G)

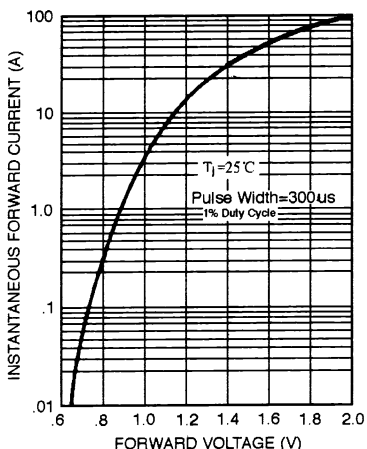
**FIG.1 - MAXIMUM NON - REPETITIVE
FORWARD SURGE CURRENT - PER ELEMENT**



**FIG.2 - TYPICAL FORWARD CURRENT
DERATING CURVE**



**FIG.3 - TYPICAL FORWARD CHARACTERISTICS
PER ELEMENT**



**FIG.4 - TYPICAL REVERSE CHARACTERISTICS
PER ELEMENT**

