

KBJ6005G THRU KBJ610G

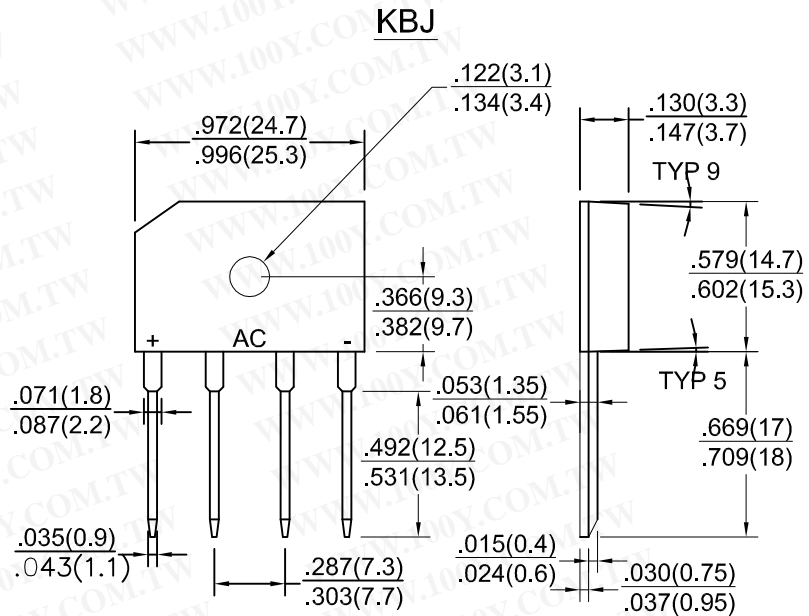
SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

FEATURES:

- Ideal for printed circuit board
- Reliable low cost construction
- Plastic material has Underwriters laboratory Flammability Classification 94V-0
- Surge overload rating to 175 Amperes peak
- High temperature soldering guaranteed :
250° C /10 seconds / .375"(9.5mm) lead lengths at 5 lbs.(2.3kg) tension

MECHANICAL DATA

Weight : 0.15 ounce, 4.0 grams
Mounting Torque : 5 in. lb. Max



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25° C ambient temp. unless otherwise specified.

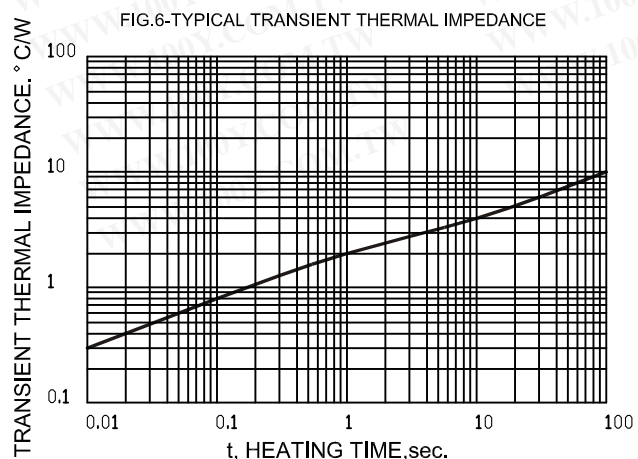
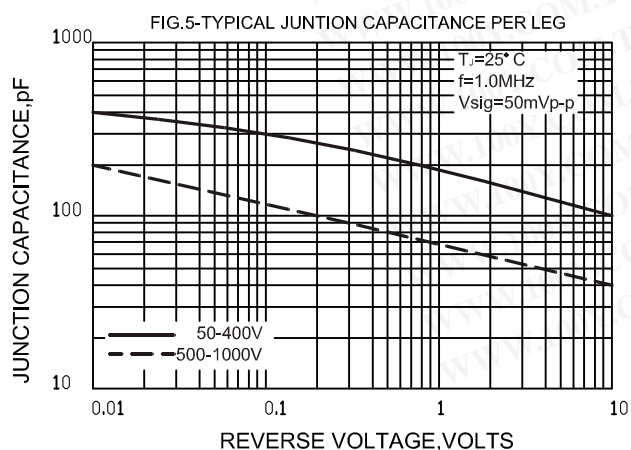
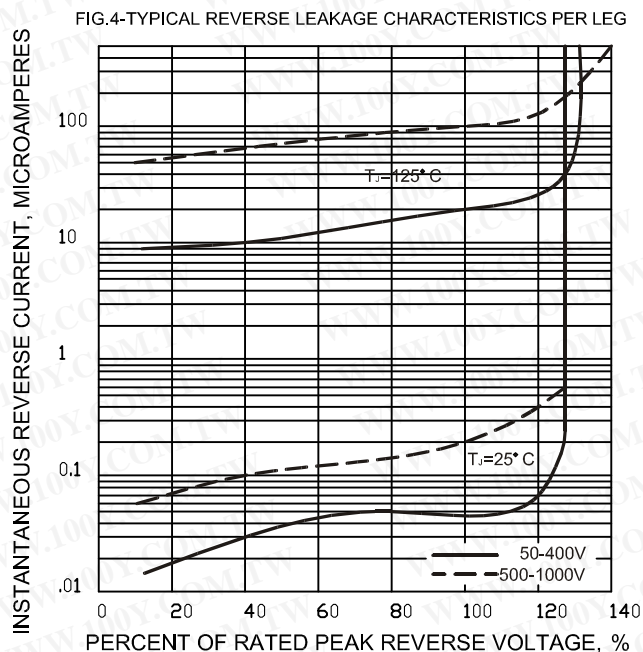
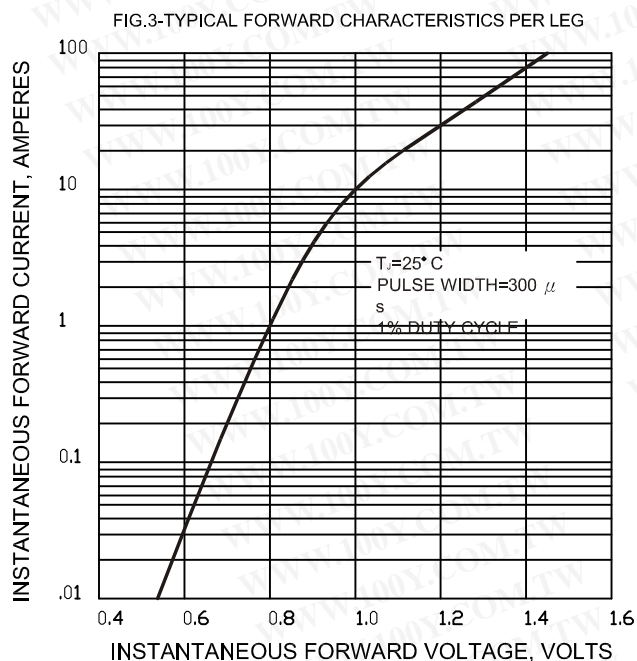
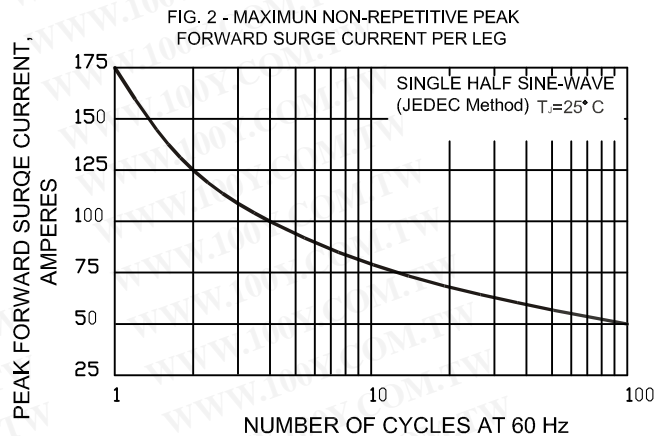
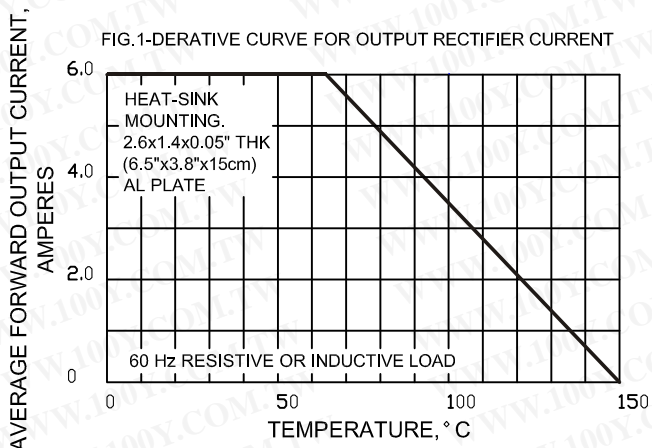
Single phase, half sine wave, 60 Hz, resistive or inductive load.

For capacitive load, derate current by 20%.

Characteristic	Symbol	KBJ 6005G	KBJ 601G	KBJ 602G	KBJ 604G	KBJ 606G	KBJ 608G	KBJ 610G	Units
Maximum recurrent peak reverse voltage	VRRM	50	100	200	400	600	800	1000	Volts
Maximum RMS voltage	VRMS	35	70	140	280	420	560	700	Volts
Maximum DC blocking voltage	VDC	50	100	200	400	600	800	1000	Volts
Maximum average forward rectified current at Ta=65° C	IO	6.0							Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load(JEDEC Method)	IFSM	175							Amps
Maximum forward voltage drop per leg at 6.0 A	VF	1.1							Volts
Maximum reverse current at rated DC blocking voltage per leg	IR	5.0 500.0							μ A
Operating and storage temperature range	Tj, Tstg	-55 to +150							° C

勝特力材料 886-3-5753170
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 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

RATINGS AND CHARACTERISTIC CURVES KBJ6005G THRU KBJ610G



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