

KBJ4005G THRU KBJ410G

SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

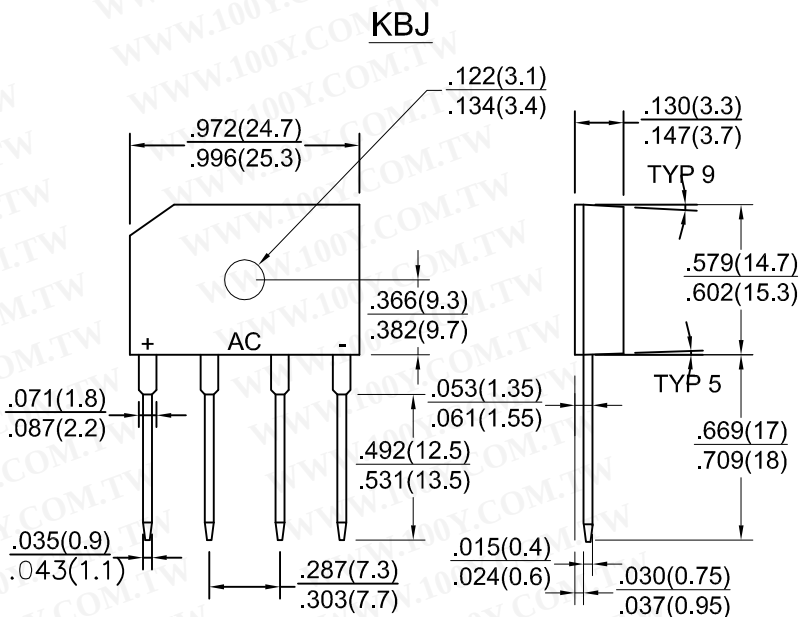
FEATURES:

- Ideal for printed circuit board
- Reliable low cost construction
- Plastic material has Underwriters laboratory Flammability Classification 94V-0
- Surge overload rating to 120 Amperes peak

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

MECHANICAL DATA

Case : Moded plastic
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 4005G	KBJ 401G	KBJ 402G	KBJ 404G	KBJ 406G	KBJ 408G	KBJ 410G	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 Tc=108° C Ta= 25° C	IO	4.0 2.3							Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load(JEDEC Method)	IFSM	120							Amps
Maximum forward voltage drop per leg at 4.0 A	VF	1.1							Volts
Maximum reverse current at rated DC blocking voltage per leg Ta=25° C Ta=125° C	IR	5.0 500.0							μ A
Operating and storage temperature range	Tj, Tstg	-55 to +150							° C

RATINGS AND CHARACTERISTIC CURVES KBJ4005G THRU KBJ410G

