

KBL401G THRU KBL410G

SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

FEATURES:

- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique
- High surge current capability
- Silver plated copper leads

MECHANICAL DATA

Case : Molded plastic

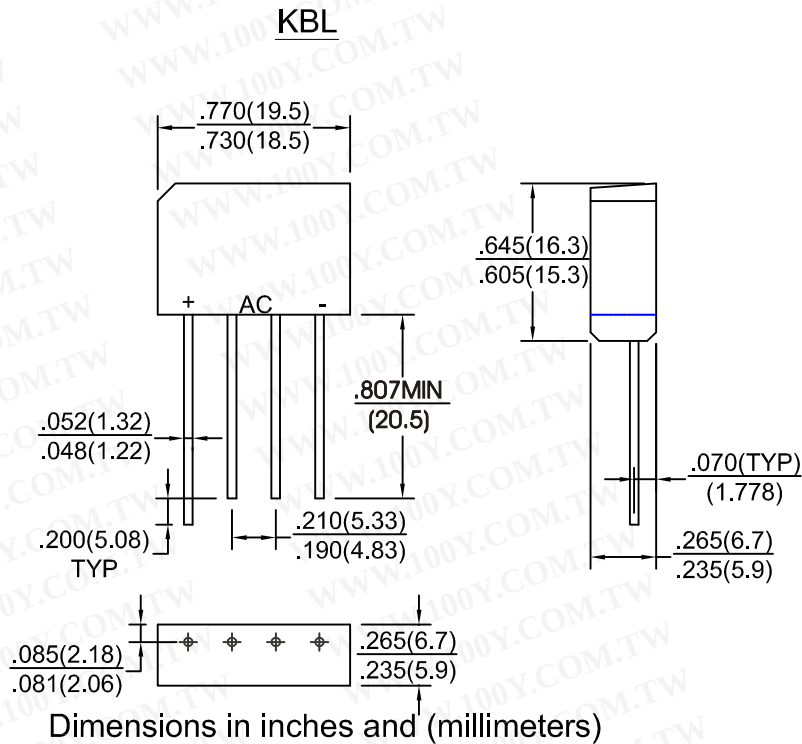
Terminals : Plated terminals, solderable per
MIL-STD-202F, Method 208

Polarity : Polarity symbols marked on body

Mounting Position : Any

Handling Precaution : None

Weight : 5.00 grams or 0.167 ounce per piece



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 %.

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)

Characteristic	Symbol	KBL 401G	KBL 402G	KBL 403G	KBL 404G	KBL 406G	KBL 408G	KBL 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 at Ta=50°C	IO	4.0							Amps
Peak forward surge current single sine-wave on rated load(JEDEC Method)	IFSM	120							Amps
Maximum instantaneous forward voltage drop per leg at 4.0 A	VF	1.1							Volts
Maximum DC reverse current at rated DC blocking voltage per leg Ta=25°C Ta=125°C	IR	5.0 100.0							μ A
Operating junction and storage temperature range	Tj, Tstg	-50 to +150							°C

RATINGS AND CHARACTERISTIC CURVES KBL401G THRU KBL410G

