

KBU8005 THRU KBU810

SINGLE PHASE SILICON BRIDGE RECTIFIERS

FEATURES:

- Plastic material used carries Underwriters Laboratory Flammability Classification 94V-0
- Ideal for printed circuit boards
- High forward surge current capability
- High temperature soldering guaranteed : 250° C/10 seconds, 0.375"(9.5mm)lead length, 5lbs. (2.3kg) tension

MECHANICAL DATA

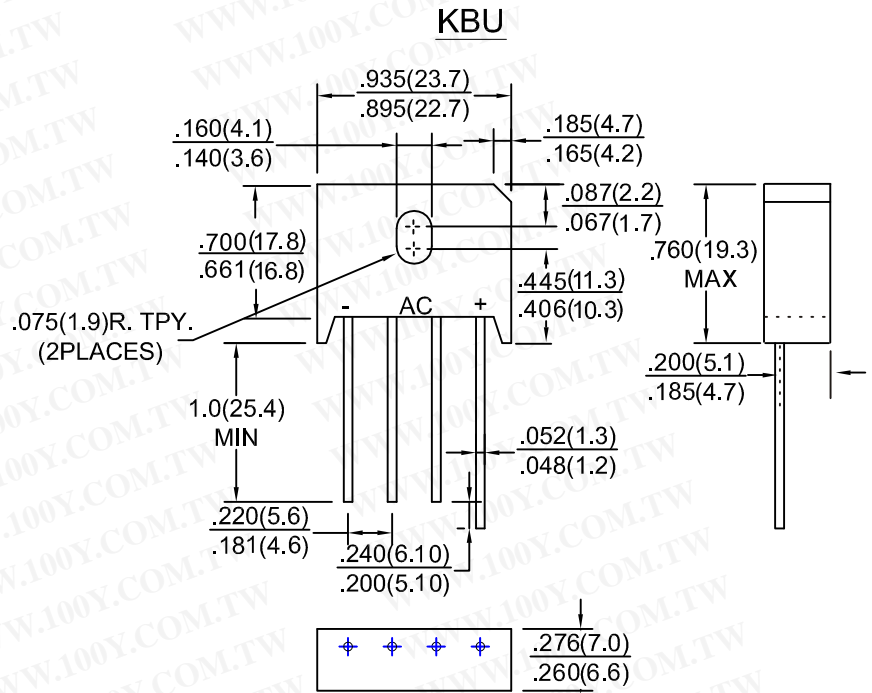
Case : Molded plastic body

Terminals : Plated lead solderable per MIL-STD-750, Method 2026

Mounting Position : Any

Mounting Torque : 5 in.-lb.max.

Weight : 0.268 ounce, 7.6 grams



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 %.

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	KBU 8005	KBU 801	KBU 802	KBU 804	KBU 806	KBU 808	KBU 810	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=100°C Ta=45°C	IO	8.0 6.0							Amps
Peak forward surge current ,8.3ms single half sine-wave superimposed on rated load(JEDEC Method)	IFSM	300							Amps
Maximum instantaneous forward voltage drop per leg at 8.0 A	VF	1.0							Volts
Maximum DC reverse current at rated DC blocking voltage Ta=25°C Ta=100°C	IR	10 500.0							μA
Operating junction and storage temperature range	Tj, Tstg	-55 to +150							°C/W

RATINGS AND CHARACTERISTIC CURVES KBU8005 THRU KBU810

