

# **KBU400G - KBU410G**

## 4.0A GLASS PASSIVATED BRIDGE RECTIFIER

#### **Features**

- Glass Passivated Die Construction
- Low Forward Voltage Drop
- High Current Capability
- High Reliability
- High Surge Current Capability
- Ideal for Printed Circuit Boards

### **Mechanical Data**

Case: Molded Plastic

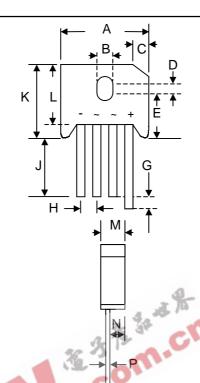
 Terminals: Plated Leads Solderable per MIL-STD-202, Method 208

Polarity: As Marked on Body

• Weight: 8.0 grams (approx.)

Mounting Position: Any

Marking: Type Number

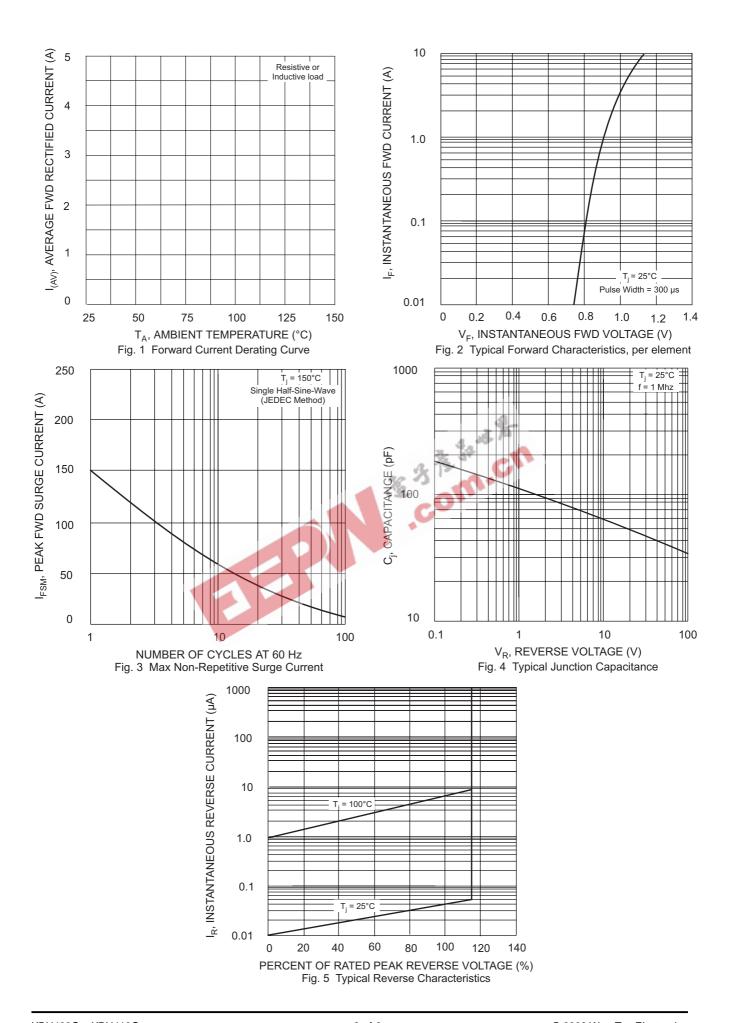


KBU						
Dim	Min	Max				
Α	22.70	23.70				
В	3.80	4.10				
С	4.20	4.70				
D	1.70	2.20				
Е	10.30	11.30				
G	4.50	6.80				
Н	4.60	5.60				
J	25.40	_				
K	_	19.30				
L	16.80	17.80				
M	6.60	7.10				
N	4.70	5.20				
Р	1.20	1.30				
All Dimensions in mm						

## Maximum Ratings and Electrical Characteristics @TA=25°C unless otherwise specified

Single Phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristic	Symbol	KBU 400G	KBU 401G	KBU 402G	KBU 404G	KBU 406G	KBU 408G	KBU 410G	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	VRRM VRWM VR	50	100	200	400	600	800	1000	V
RMS Reverse Voltage	VR(RMS)	35	70	140	280	420	560	700	V
Average Rectified Output Current @T <sub>A</sub> = 50°C	lo	4.0					Α		
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	150						А	
Forward Voltage (per element) @I <sub>F</sub> = 2.0A	VFM	1.1					V		
	lR	5.0 500			μΑ				
Operating and Storage Temperature Range	Тj, Tsтg	-55 to +150						°C	



#### **ORDERING INFORMATION**

Product No.	Package Type	Shipping Quantity
KBU400G	SIL Bridge	400 Units/Box
KBU401G	SIL Bridge	400 Units/Box
KBU402G	SIL Bridge	400 Units/Box
KBU404G	SIL Bridge	400 Units/Box
KBU406G	SIL Bridge	400 Units/Box
KBU408G	SIL Bridge	400 Units/Box
KBU410G	SIL Bridge	400 Units/Box

Shipping quantity given is for minimum packing quantity only. For minimum order quantity, please consult the Sales Department.



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**WARNING**: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

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