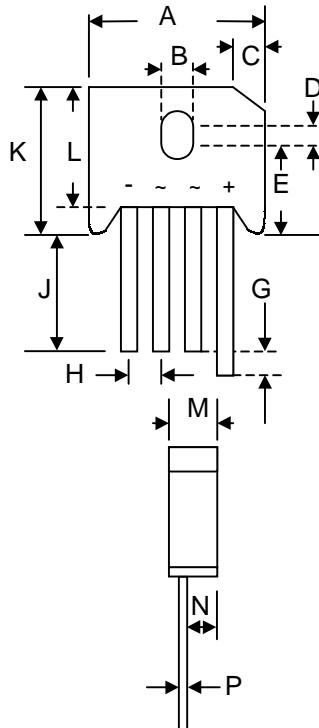


### Features

- 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
A	22.70	23.70
B	3.80	4.10
C	4.20	4.70
D	1.70	2.20
E	10.30	11.30
G	4.50	6.80
H	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
P	1.20	1.30

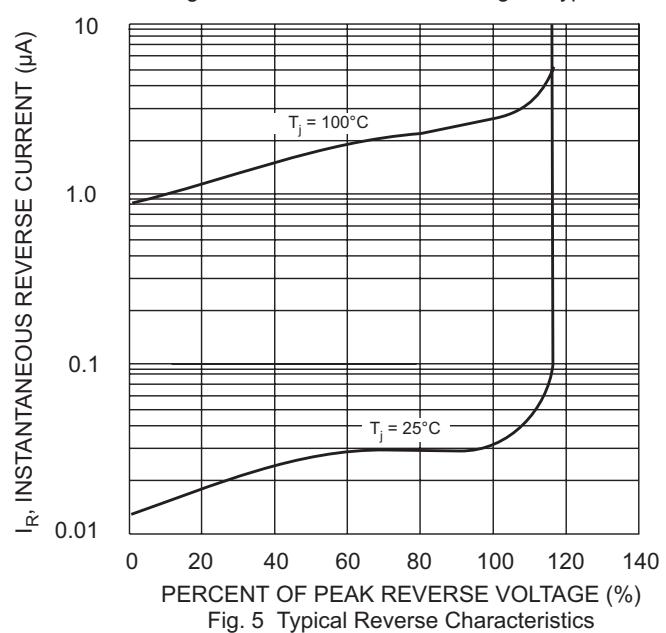
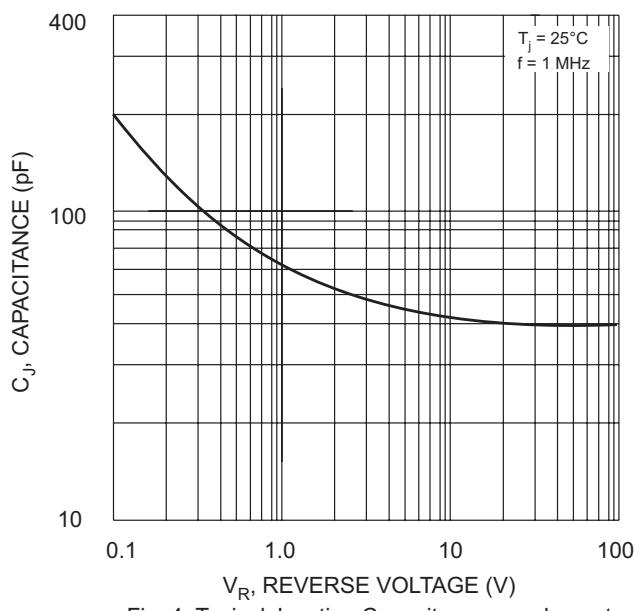
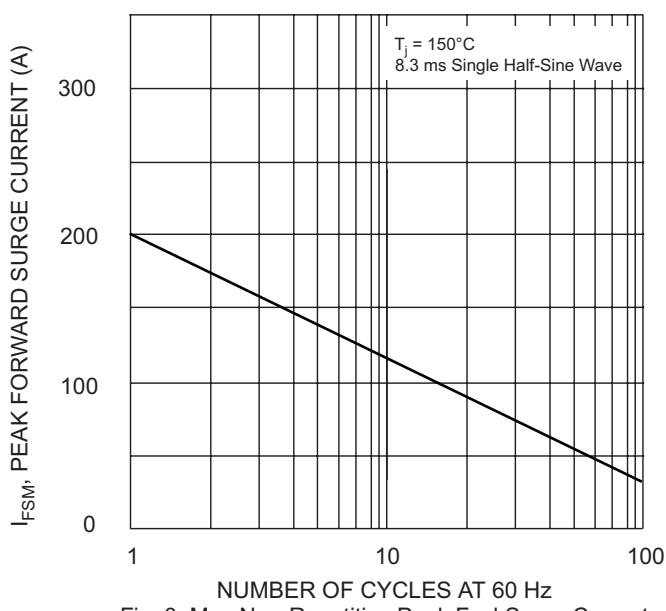
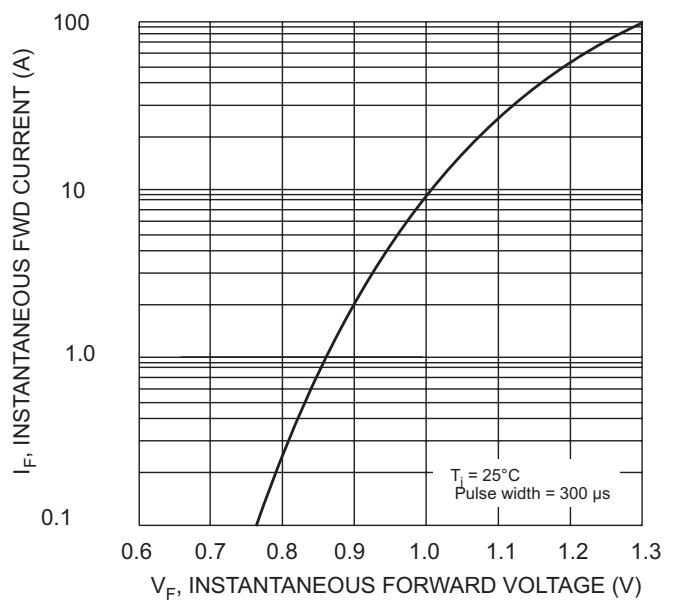
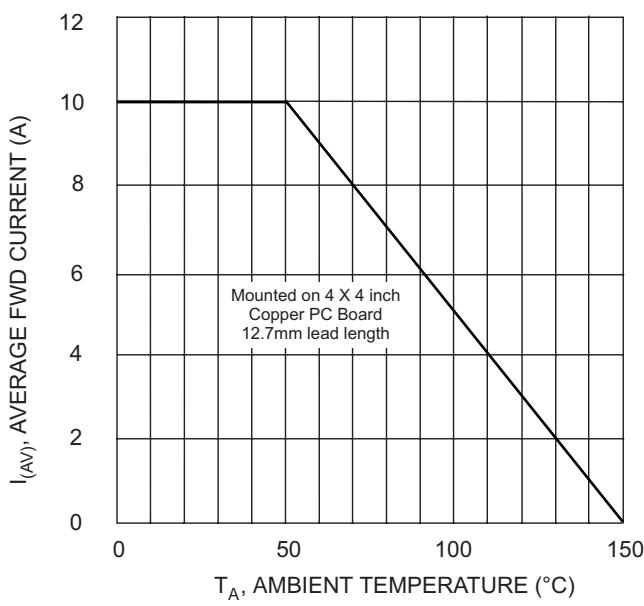
All Dimensions in mm

### Maximum Ratings and Electrical Characteristics $\text{@T}_A=25^\circ\text{C}$ unless otherwise specified

Single Phase, half wave, 60Hz, resistive or inductive load.

For capacitive load, derate current by 20%.

Characteristic	Symbol	KBU 1000G	KBU 1001G	KBU 1002G	KBU 1004G	KBU 1006G	KBU 1008G	KBU 1010G	Unit
Peak Repetitive Reverse Voltage	V <sub>RRM</sub>								
Working Peak Reverse Voltage	V <sub>RWM</sub>	50	100	200	400	600	800	1000	V
DC Blocking Voltage	V <sub>R</sub>								
RMS Reverse Voltage	V <sub>R</sub> (RMS)	35	70	140	280	420	560	700	V
Average Rectified Output Current $\text{@T}_A = 50^\circ\text{C}$	I <sub>o</sub>				10				A
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	I <sub>FSM</sub>				200				A
Forward Voltage (per element) $\text{@I}_F = 5.0\text{A}$	V <sub>FM</sub>				1.1				V
Peak Reverse Current $\text{@T}_A = 25^\circ\text{C}$ At Rated DC Blocking Voltage $\text{@T}_A = 125^\circ\text{C}$	I <sub>R</sub>				5.0				$\mu\text{A}$
500									
Operating and Storage Temperature Range	T <sub>j</sub> , T <sub>STG</sub>				-55 to +150				$^\circ\text{C}$



## ORDERING INFORMATION

Product No.	Package Type	Shipping Quantity
KBU1000G	SIL Bridge	400 Units/Box
KBU1001G	SIL Bridge	400 Units/Box
KBU1002G	SIL Bridge	400 Units/Box
KBU1004G	SIL Bridge	400 Units/Box
KBU1006G	SIL Bridge	400 Units/Box
KBU1008G	SIL Bridge	400 Units/Box
KBU1010G	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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**Internet:** <http://www.wontop.com>

*We power your everyday.*