查询KBU600供应商



KBU600 - KBU610

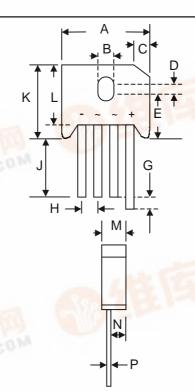
6.0A BRIDGE RECTIFIER

Features

- Diffused Junction
- Low Forward Voltage Drop
- High Current Capability
- High Reliability
- High Surge Current Capability
- Ideal for Printed Circuit Boards
- UL Recognized File # E157705

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



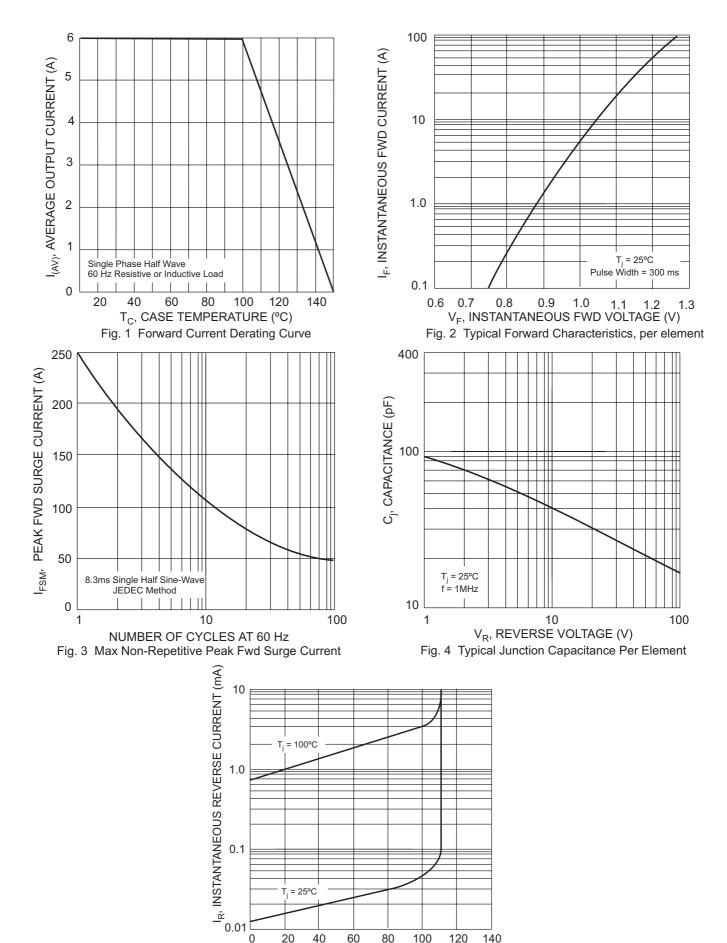
KBU						
Dim	Min	Max				
Α	22.70	23.70				
В	3.80	4.10				
С	4.20	4.70				
D	1.70	2.20				
E	10.30	11.30				
G	4.50	6.80				
Н	4.60	5.60				
J	25.40					
K	_	19.30				
L	16.80	17.80				
M	6.60	7.10				
N	4.70	5.20				
P	1.20	1.30				
All Dimensions in mm						

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

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

Characteristic	Symbol	KBU 600	KBU 601	KBU 602	KBU 604	KBU 606	KBU 608	KBU 610	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 _C = 100°C	lo				6.0			- 17	Α
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM			ı sit.	250	电	W.D	zsc.	A
Forward Voltage (per element) @I _F = 3.0A	VFM		14,7		1.0				V
Peak Reverse Current $@T_C = 25^{\circ}C$ At Rated DC Blocking Voltage $@T_C = 100^{\circ}C$	İR	1	W		10 1.0				μA mA
Rating for Fusing (t < 8.3ms) (Note 1)	l ² t	166						A ² s	
Typical Thermal Resistance (Note 2)	R⊕JC	4.2						K/W	
Operating and Storage Temperature Range	Тj, Tsтg	-65 to +150						°C	

- Note: 1. Non-repetitive for t > 1ms and < 8.3ms.
 - 2. Thermal resistance junction to case per element mounted on PC board with 13.0x13.0x0.03mm thick land areas.



80

RATED PERCENT OF PEAK REVERSE VOLTAGE (%) Fig. 5 Typical Reverse Characteristics

100

120

ORDERING INFORMATION

Product No.	Package Type	Shipping Quantity			
KBU600	SIL Bridge	400 Units/Box			
KBU601	SIL Bridge	400 Units/Box			
KBU602	SIL Bridge	400 Units/Box			
KBU604	SIL Bridge	400 Units/Box			
KBU606	SIL Bridge	400 Units/Box			
KBU608	SIL Bridge	400 Units/Box			
KBU610	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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