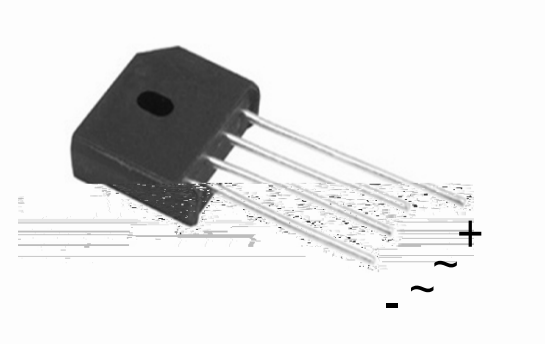
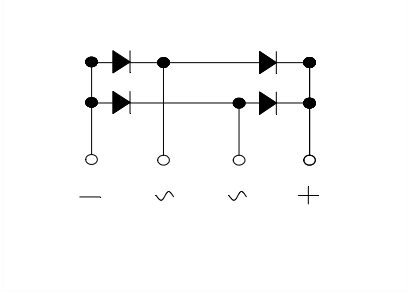
RoHS
COMPLIANT



- UL recognition, file #E230084
- Glass passivated chip junction
- Ideal for printed circuit boards
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

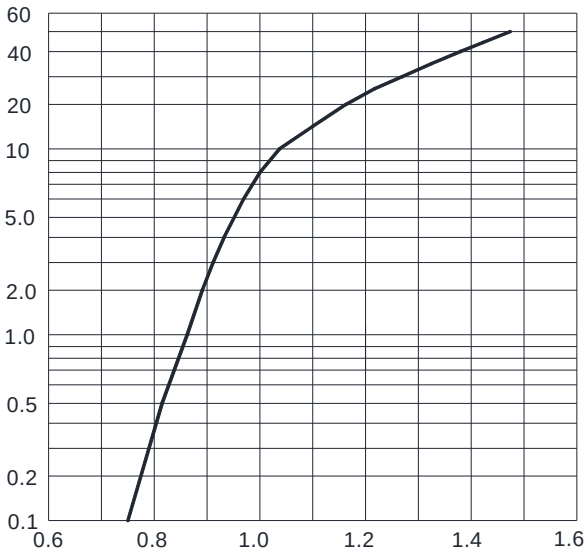
General purpose use in AC/DC bridge full wave rectification for switching power supply, home appliances, office equipment, industrial automation applications.

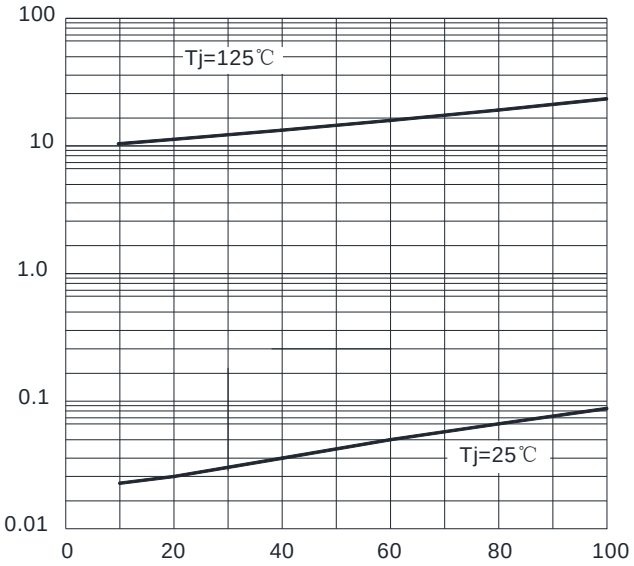


- : KBU
  Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- As marked on bod

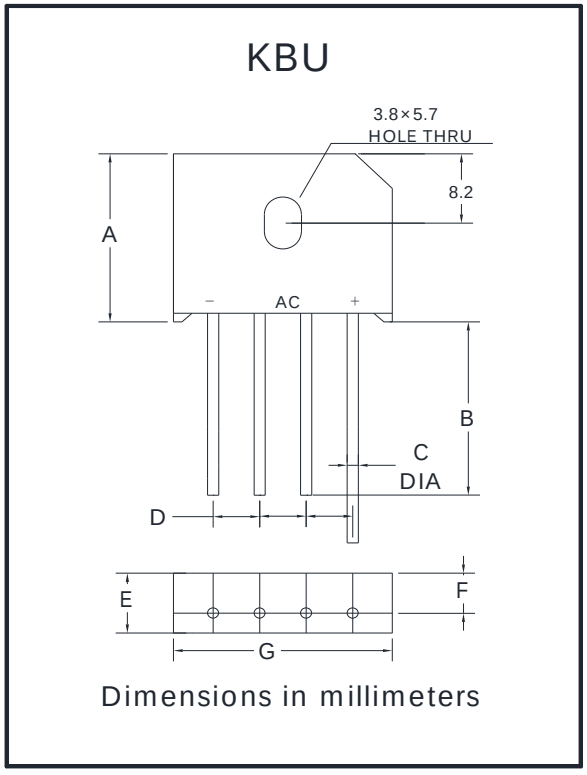
■ (Ta=25 Unless otherwise specified)

Device marking code			KBU4005	KBU401	KBU402	KBU404	KBU406	KBU408	KBU410
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	V_{DC}	V	50	100	200	400	600	800	1000
Average Rectified Output Current @60Hz sine wave, R-load — With heatsink Tc =130	I_O	A	4.0						
Average Rectified Output Current @60Hz sine wave, R-load — Without heatsink Ta =25	I_O	A	2.2						
Forward Surge Current (Non-repetitive) @8.3ms, Half-sine wave,1 cycle, Tj=25	I_{FSM}	A	120						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25	I_{FSM}	A	240						
Current Squared Time @1ms≤t≤8.3ms Tj=25 ,Rating of per diode	I^2t	A^2S	60						
Mounting torque @Recommend torque：5kg cm	Tor	kg cm	8						
Storage temperature	T_{stg}		-55 ~ +150						
Junction temperature	T_j		-55 ~ +150						





■



A	18.8	19.8
B	20.0	/
C	1.2	1.3
D	4.6	5.6
E	6.8	7.1
F	4.6	5.0
G	22.7	23.7

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