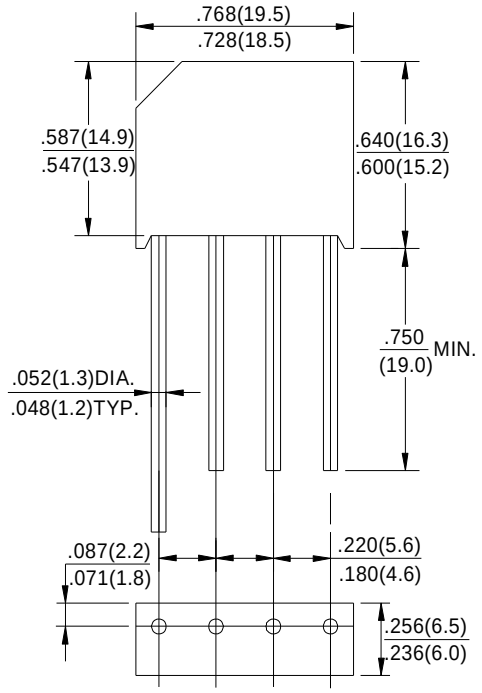
SILICON BRIDGE RECTIFIERS

REVERSE VOLTAGE - **50** to **1000**Volts
FORWARD CURRENT - **4/6**Amperes

FEATURES

- Surge overload rating -150~175 Amperes peak
- Ideal for printed circuit board
- Plastic material has UL flammability classification 94V-0
- Mounting position :Any

KBL



Dimensions in inches and (milimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25℃ ambient temperature unless otherwise specified.

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

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	KBL005 / KBL6005	KBL01 / KBL601	KBL02 / KBL602	KBL04 / KBL604	KBL06 / KBL606	KBL08 / KBL608	KBL10 / KBL610	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Output Current at 40℃ T_A (Note1) 4.0A / 6.0A	$I_{(AV)}$	4.0 / 6.0							A
Peak Forward Surage Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load 4.0A / 6.0A	I_{FSM}	150 / 175							A
Maximum Forward Voltage Drop Per Element at 4.0/3.0A Peak	V_F	1.0							V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	10.0							uA
Maximum Reverse Current at Rated DC Blocking Voltage and 150℃ T_A	I_R	1.0							mA
Operating Temperature Range T_J	T_J	-55 to +125							℃
Storage Temperature Range T_A	T_{STG}	-55 to+150							℃

NOTES：1. Mounting conditions ,0.5″ lead length maximum.