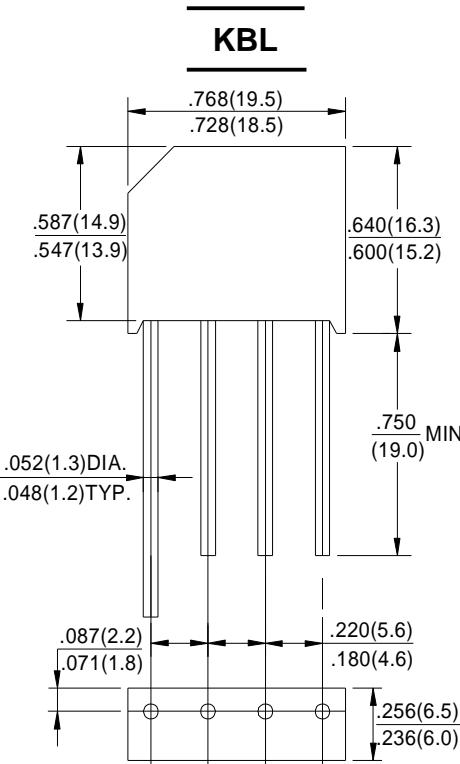


SILICON BRIDGE RECTIFIERS	REVERSE VOLTAGE - 50 to 1000Volts FORWARD CURRENT - 4/6Amperes								
FEATURES <ul style="list-style-type: none"> ● Surge overload rating -150~175 Amperes peak ● Ideal for printed circuit board ● Plastic material has UL flammability classification 94V-0 ● Mounting position :Any 	 <p>The diagram shows a top-down view of the KBL silicon bridge rectifier. It features four vertical leads and a central mounting hole. Key dimensions are labeled: total width (top) as .768(19.5) and .728(18.5); height of the body as .640(16.3) and .600(15.2); lead spacing as .750 MIN. (19.0); lead thickness as .052(1.3) DIA. and .048(1.2) TYP.; and the central mounting hole diameter as .220(5.6) and .180(4.6). The overall height including the leads is .256(6.5) and .236(6.0).</p> <p>Dimensions in inches and (millimeters)</p>								
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS									
Rating at 25°C 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°C TA (Note1)	I(AV)	4.0A 6.0A			4.0 6.0				A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM				150 175				A
Maximum Forward Voltage Drop Per Element at 4.0/3.0A Peak	VF				1.0				V
Maximum DC Reverse Current at Rated DC Blocking Voltage	IR				10.0				uA
Maximum Reverse Current at Rated DC Blocking Voltage and 150°C TA	IR				1.0				mA
Operating Temperature Range TJ	TJ				-55 to +125				°C
Storage Temperature Range TA	TSTG				-55 to+150				°C
NOTES : 1. Mounting conditions ,0.5" lead length maximum.									