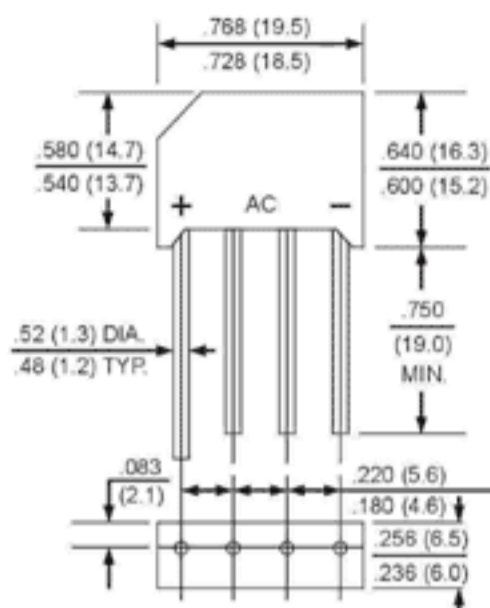


SILICON BRIDGE RECTIFIERS

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

FEATURES

- Surge overload rating - 150 amperes peak
- Ideal for printed circuit board
- Plastic material has Underwriters Laboratory Flammability classification 94V-0
- Mounting Position: Any



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	KBL6005	KBL601	KBL602	KBL604	KBL606	KBL608	KBL610	UNIT
	RS401L	RS402L	RS403L	RS404L	RS405L	RS406L	RS407L	
	KBL005	KBL01	KBL02	KBL04	KBL06	KBL08	KBL10	
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Output Current at 50°C T _A (Note 1)	4.0A 6.0A			4.0 6.0				A
Peak Forward Surge Current, 8.3ms single half sine-wave super imposed on rated load	4.0A 6.0A			150				A
Maximum Forward Voltage Drop per Element at 4.0/6.0A Peak				1.0				V
Maximum DC Reverse Current at Rate DC Blocking Voltage				10.0				µA
Maximum Reverse Current at Rated DC Blocking Voltage and 150° T _A				1.0				mA
Operating and Storage Temperature Range T _A				-40 to +125				°C

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