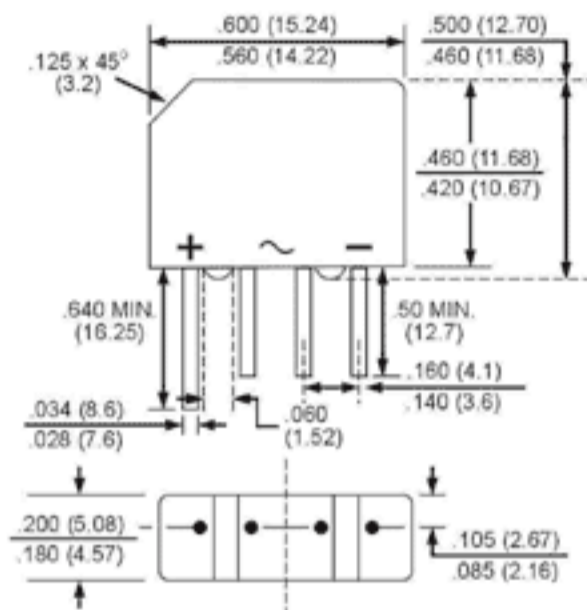


SILICON BRIDGE RECTIFIERS
REVERSE VOLTAGE - 50 to 1000 Volts
FORWARD CURRENT - 2.0 Amperes
FEATURES

- Surge overload rating - 60 amperes peak
- Ideal for printed circuit board
- Plastic material has Underwriters Laboratory Flammability Classification 94V-0
- Mounting Position: Any



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Resistive or inductive load, 60Hz.

For capacitive load, derate current by 20%

CHARACTERISTICS	KBP2005	KBP201	KBP202	KBP204	KBP206	KBP208	KBP210	UNIT
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 Rectified Output Current @T _A =50°C	2.0							A
Peak Forward Surge Current, 8.3ms single half sine-wave super imposed on rated load	60							A
Maximum Forward Voltage Drop per Bridge Element at 2.0A Peak	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage per Element	10.0							μA
Maximum Reverse Current at Rated DC Blocking Voltage per Element T _A =100°C	1.0							mA
Operating Temperature Range T _J	-40 to +125							°C
Storage Temperature Range T _A	-40 to +125							°C