

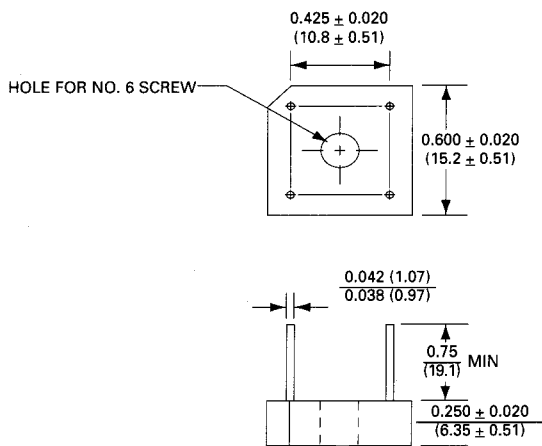
KBPC6 ...KBPC610

6.0A SINGLE - PHASE SILICON BRIDGE

Features

- Surge overload rating - 150 amperes peak
- Low forward voltage drop
- Small size; simple installation
- Silver Plated Copper leads
- Mounting Position: Any
- U/L recognized file # 142814

VOLTAGE RANGE
50 to 1000 Volts PRV
CURRENT
6 Amperes



Polarity shown on side of case;
positive lead by beveled corner.

Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified.

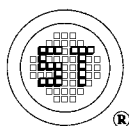
Single phase, half wave, 60Hz, resistive or inductive load.

For capacitive load, derate current by 20%.

	KBPC6005	KBPC601	KBPC602	KBPC604	KBPC606	KBPC608	KBPC610	UNITS
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Max RMS Bridge Input Voltage	35	70	140	280	420	560	700	V
Maximum Average Forward Rectified Output Current at a								A
								A
								A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load								A
Maximum Forward Voltage Drop per element at 3.0A Peak								V
Maximum Reverse Current at Rated DC Blocking Voltage per element								μA
								mA
Operating Temperature Range T _C								°C
Storage Temperature Range T _A								°C

NOTES: * Unit mounted on metal chassis

** Unit mounted on P.C. board



SEMTECH ELECTRONICS LTD.

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6.0A SINGLE - PHASE SILICON BRIDGE

RATING AND CHARACTERISTICS CURVES

KBPC6 SERIES

