

Bridge Rectifier

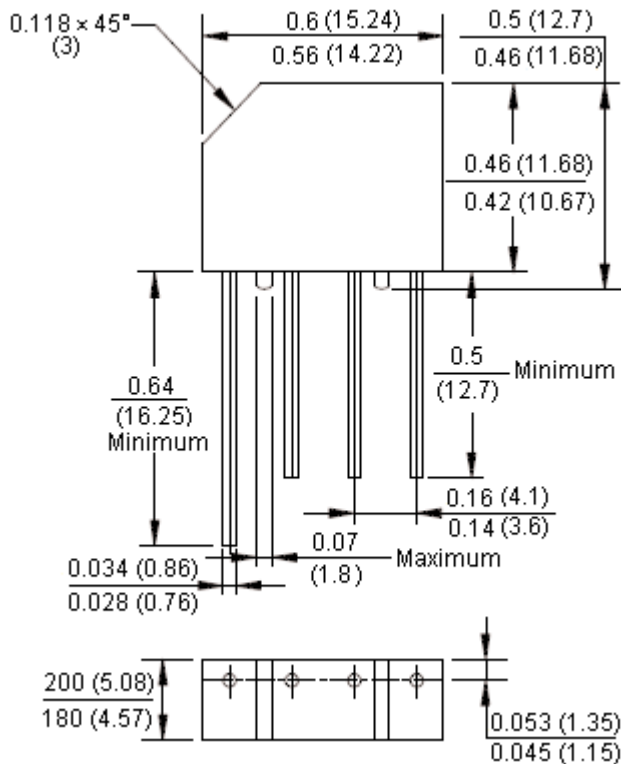
Features:

- Glass Passivated.
- Surge overload rating -60 amperes peak.
- Ideal for printed circuit board.
- Mounting position : Any.



Reverse Voltage - 1,000 V
Forward Current - 2 Amperes

KBP



Dimensions : Inches (Millimetres)

Bridge Rectifier

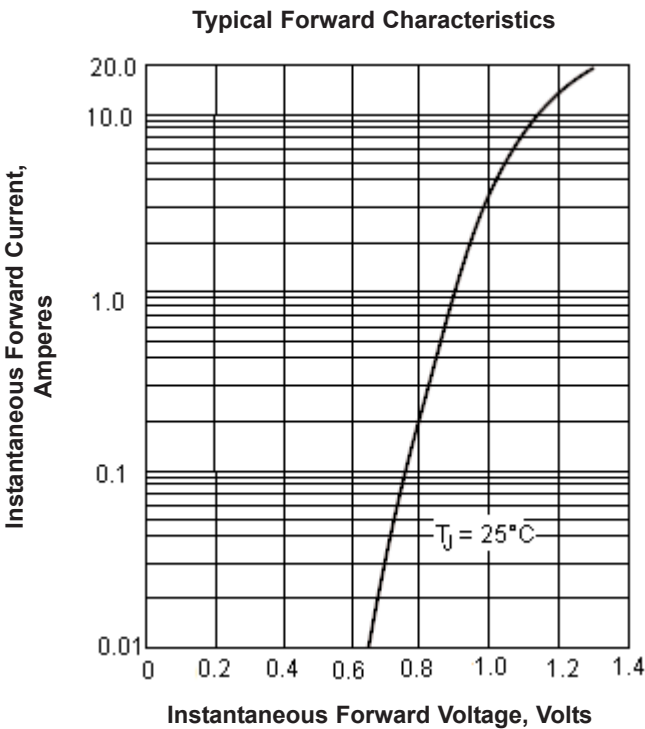
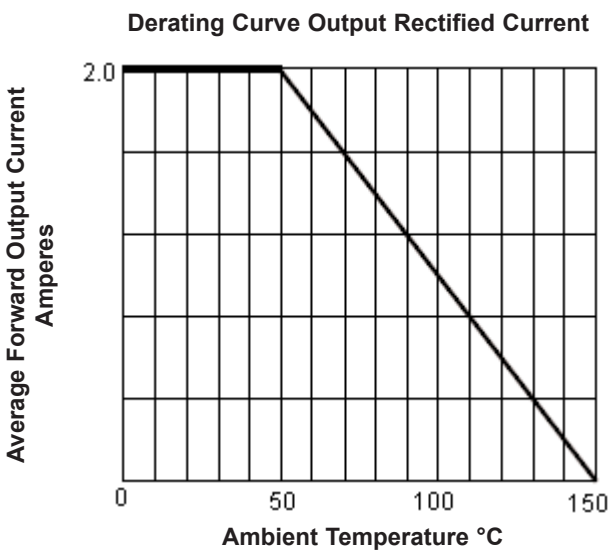


Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified.
Resistive or inductive load, 60 Hz.
For capacitive load, derate current by 20%.

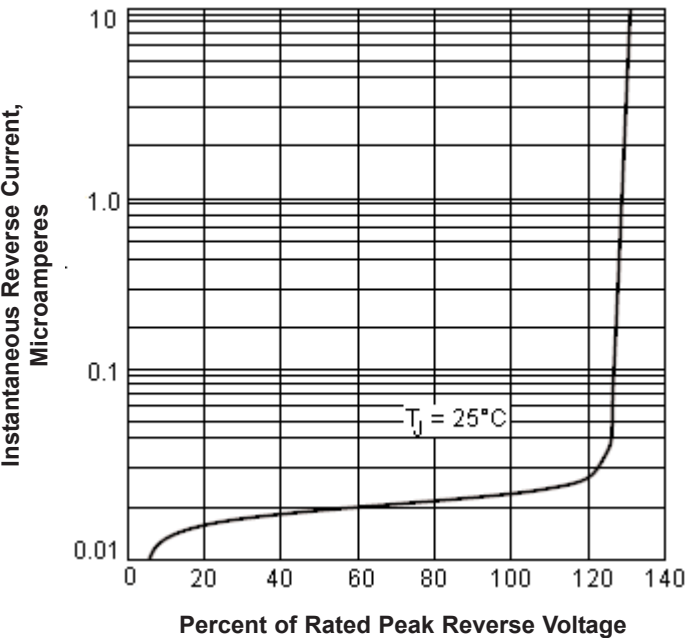
Characteristics	Symbol	KBP210G	Units
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	1,000	V
Maximum RMS Bridge Input Voltage	V_{RMS}	700	
Maximum DC Blocking Voltage	V_{DC}	1,000	
Maximum Average Forward Rectified Output Current at $T_A = 50^{\circ}C$	$I_{(AV)}$	2	A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Super Imposed on Rated Load	I_{FSM}	60	
Maximum Forward Voltage Drop Per Bridge Element at 2 A Peak	V_F	1.1	V
Maximum Reverse Current at Rated DC Blocking Voltage Per Element	I_R	10	μA
Maximum Reverse Current at Rated DC Blocking Voltage Per Element at $T_J = 100^{\circ}C$		1	mA
Operating Temperature Range	T_J	-55 to +150	$^{\circ}C$
Storage Temperature Range	T_{STG}		

Rating and Characteristic Curves

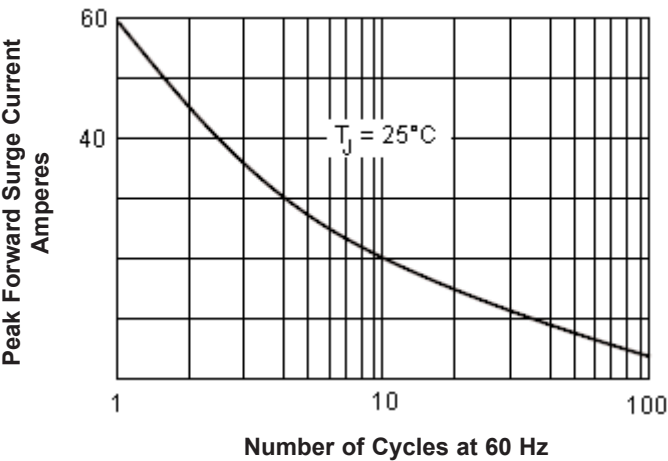


Rating and Characteristic Curves

Typical Reverse Characteristics



Maximum Forward Surge Current



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