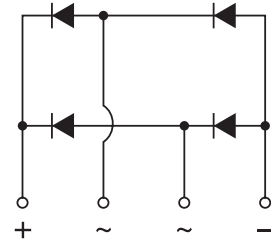
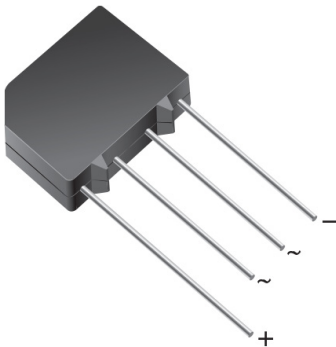


Bridge Rectifier



Features:

- Glass passivated
- Surge overload rating -60 amperes peak
- Ideal for printed circuit board

Specifications:

Reverse Voltage : 200V
Forward Current : 2 Amperes
Mounting position : Any

Max. 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%.

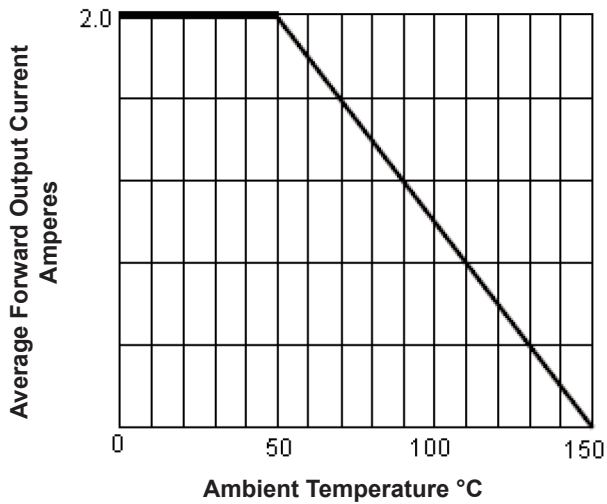
Characteristics	Symbol	KBP202G	Units
Max. Recurrent Peak Reverse Voltage	V _{RRM}	200	V
Max. RMS Bridge Input Voltage	V _{RMS}	140	
Max. DC Blocking Voltage	V _{DC}	200	
Maximum Average Forward Rectified Output Current at T _A = 50°C	I _(AV)	2	A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave 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°C		1	mA
Operating Temperature Range	T _J	-55 to +150	°C
Storage Temperature Range	T _{STG}		

Bridge Rectifier

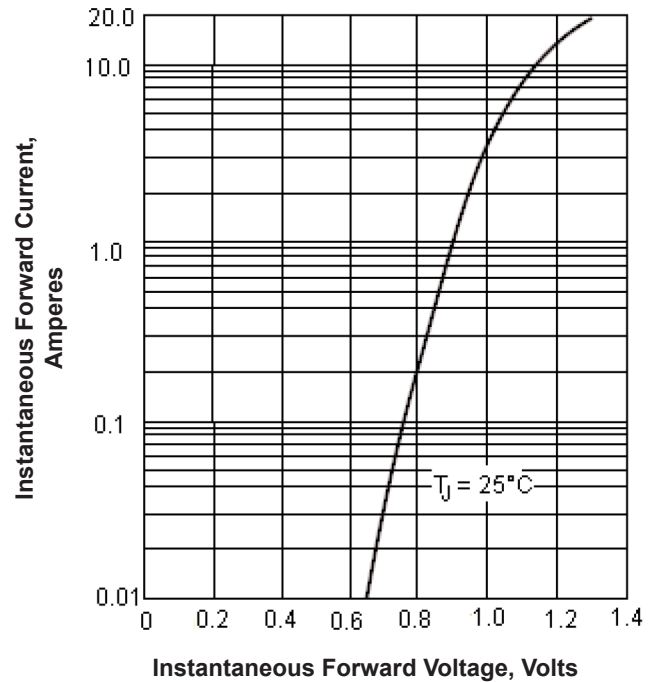


Rating and Characteristic Curves:

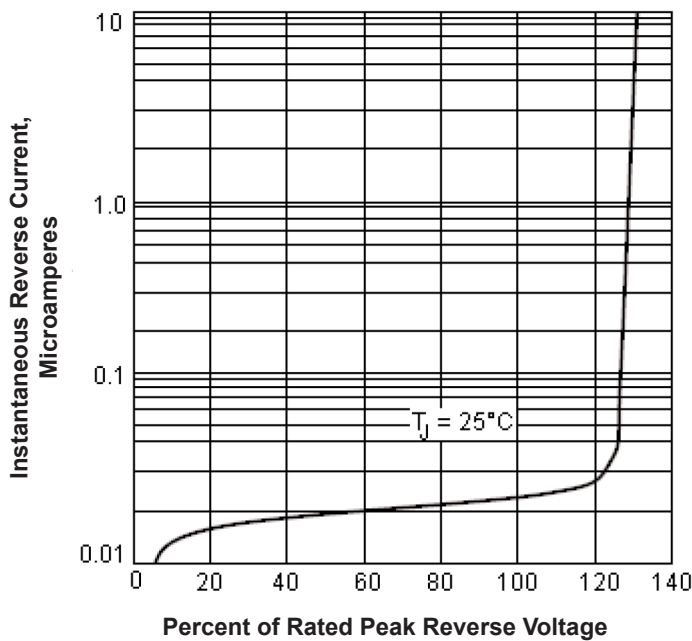
Derating Curve Output Rectified Current



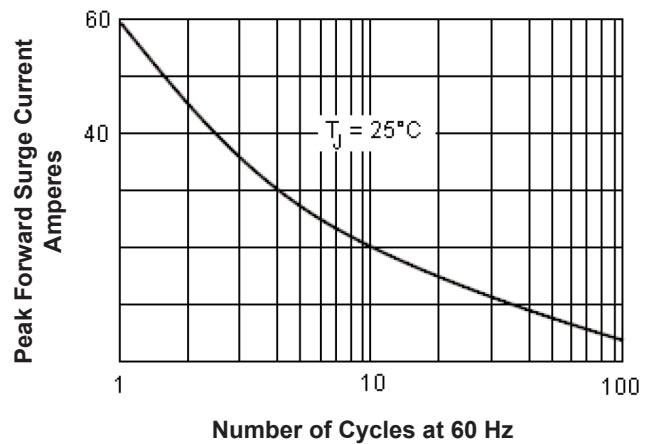
Typical Forward Characteristics



Typical Reverse Characteristics



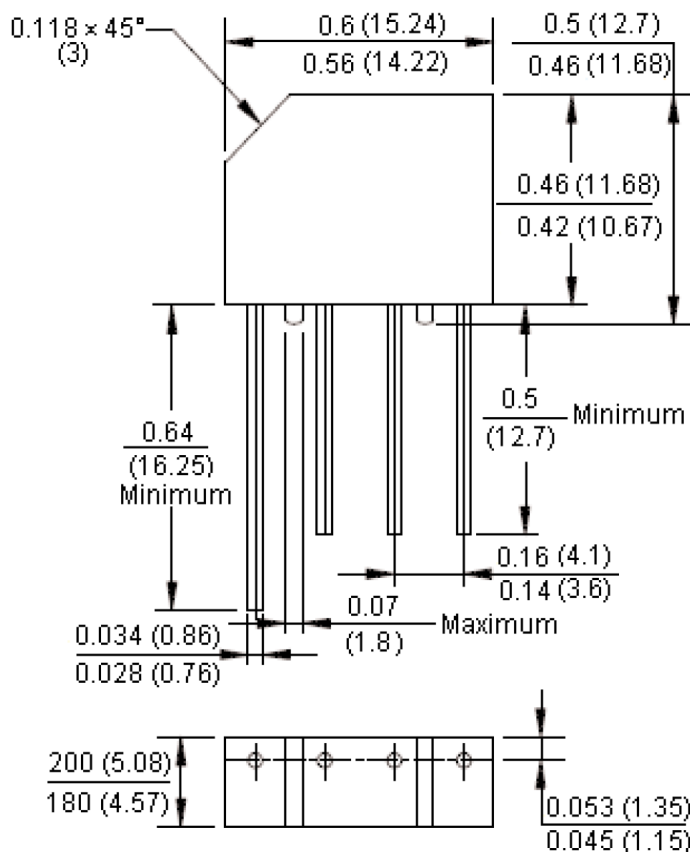
Maximum Forward Surge Current



Bridge Rectifier



Case Style KBP



Dimensions : Inches (Millimetres)

Part Number Table

Description	Part Number
Bridge Rectifier Diode, KBP Series, Single, 200V, 2A	KBP202G

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