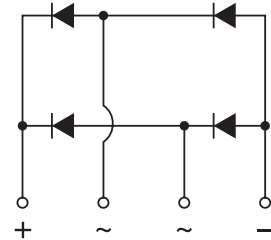
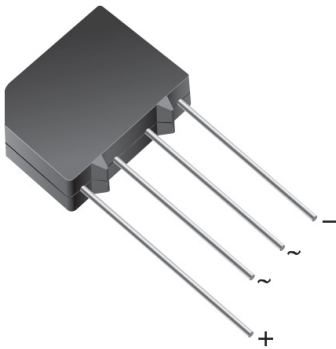


Bridge Rectifier



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:

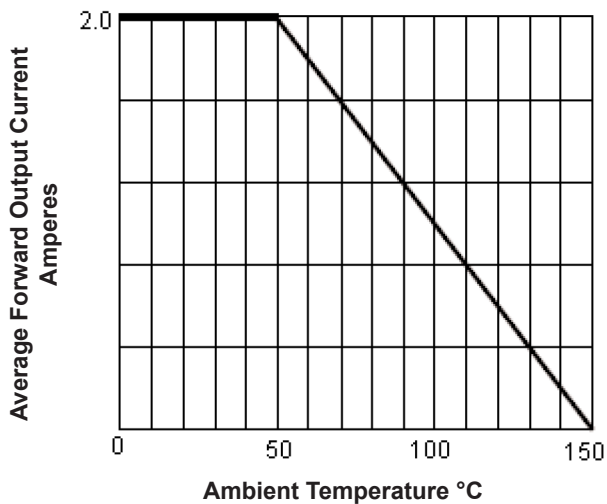
Rating at 25°C ambient temperature unless otherwise specified.
Resistive or inductive load, 60 Hz.
For capacitive load, derate current by 20%.

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}		

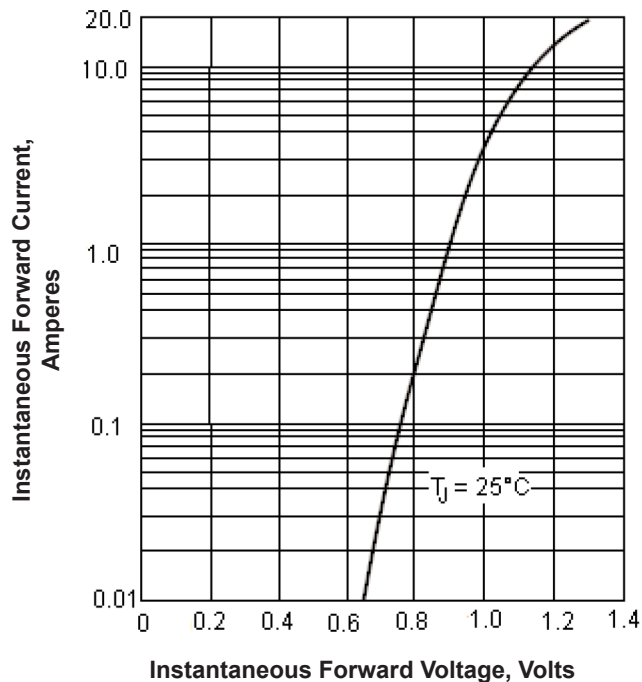
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

Rating and Characteristic Curves:

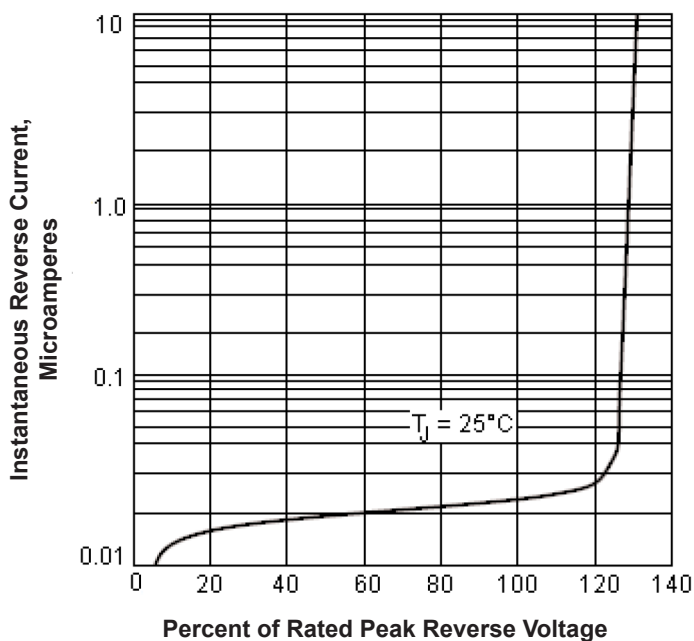
Derating Curve Output Rectified Current



Typical Forward Characteristics



Typical Reverse Characteristics



Maximum Forward Surge Current

