**0.8A BRIDGE RECTIFIER** 

## **SEMICONDUCTOR**

# Data Sheet 1294, Rev. A

### **Features**

- Diffused Junction
- Low Forward Voltage Drop
- High Current Capability
- High Reliability
- High Surge Current Capability
- Ideal for Printed Circuit Boards
- UL Recognized File # E223064

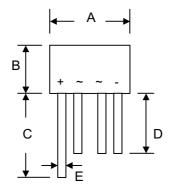
#### **Mechanical Data**

Case: Molded Plastic

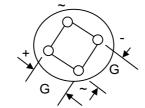
 Terminals: Plated Leads Solderable per MIL-STD-202, Method 208

Polarity: As Marked on Body Weight: 1.1 grams (approx.)

Mounting Position: AnyMarking: Type Number



WOB									
Dim	Min	Max	Min Ma						
Α	8.60	9.10	0.339	0.358					
В	5.0	5.50	0.197	0.217					
С	27.9	_	1.098	_					
D	25.4	_	1	_					
Ε	0.71	0.81	0.028	0.032					
G	4.60	5.60	0.181	0.220					
	In mm		In inch						



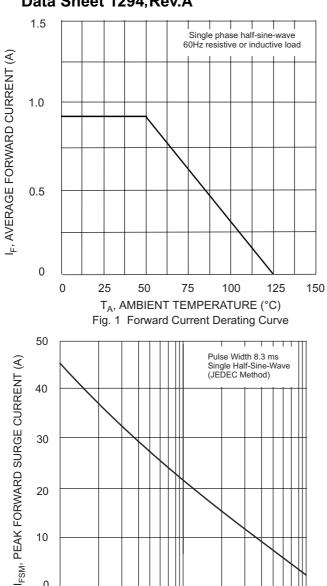
## Maximum Ratings and Electrical Characteristics @TA=25°C unless otherwise specified

Single Phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristic	Symbol	B40C 800	B80C 800	B125C 800	B250C 800	B380C 800	B500C 800	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	VRRM VRWM VR	100	200	300	600	900	1200	٧
Input Voltage Recommended	VR(RMS)	40	80	125	250	380	500	٧
Average Rectified Output Current (Note 1) @T <sub>A</sub> = 50	°C Io	0.8						Α
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	45						А
Forward Voltage (per element) @I <sub>F</sub> = 0.8A	A VFM	1.0						٧
Peak Reverse Current @T <sub>A</sub> = 25° At Rated DC Blocking Voltage @T <sub>A</sub> = 100°		10 500						μA
Operating Temperature Range	Tj	-55 to +125						°C
Storage Temperature Range	Тѕтс	-55 to +150						°C

Note: 1. Leads maintained at ambient temperature at a distance of 9.5mm from the case.

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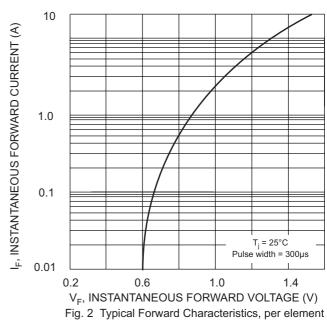


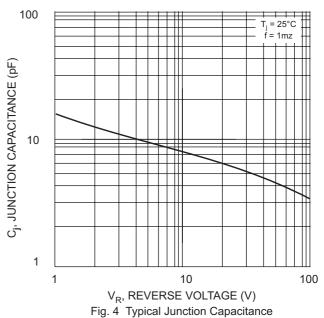
10

10

0

1





100

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