SEMICONDUCTOR

0.8A BRIDGE RECTIFIER

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

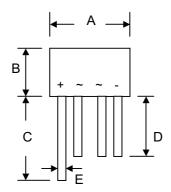
Case: Molded Plastic

Terminals: Plated Leads Solderable per

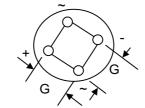
MIL-STD-202, Method 208 Polarity: As Marked on Body

Weight: 1.1 grams (approx.) Mounting Position: Any

Marking: Type Number



WOB							
Dim	Min	Max	Min	Max			
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	_			
Е	0.71	0.81	0.028	0.032			
G	4.60	5.60	0.181	0.220			
	In mm		In inch				



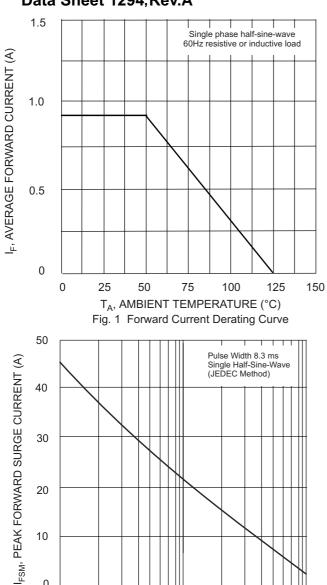
Maximum Ratings and Electrical Characteristics @TA=25°C unless otherwise specified

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	V
Average Rectified Output Current (Note 1) @T _A = 50°C	lo	0.8					Α	
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	İFSM	45					А	
Forward Voltage (per element) @I _F = 0.8A	VFM	1.0						V
Peak Reverse Current @T _A = 25°C At Rated DC Blocking Voltage @T _A = 100°C		10 500					μΑ	
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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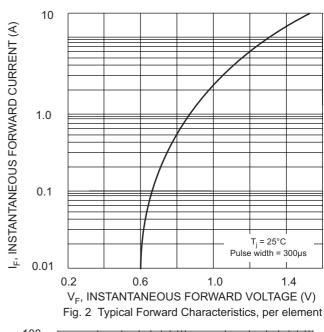


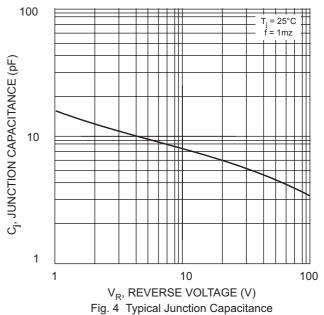
NUMBER OF CYCLES AT 60 Hz Fig. 3 Max Non-Repetitive Surge Current

10

0

1





100

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