

B40C800 - B500C800

0.8A BRIDGE RECTIFIER

Features

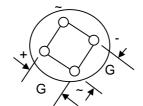
- **Diffused Junction**
- Low Forward Voltage Drop
- **High Current Capability**
- High Reliability

High Surge Current Capability Ideal for Printed Circuit Boards **Mechanical Data** Case: Molded Plastic

WOB					
Dim	Min	Max			
Α	8.60	9.10			
В	5.0	5.50			
С	27.9	_			
D	25.4	_			
Е	0.71	0.81			
G	4.60	5.60			
All Dimensions in mm					

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

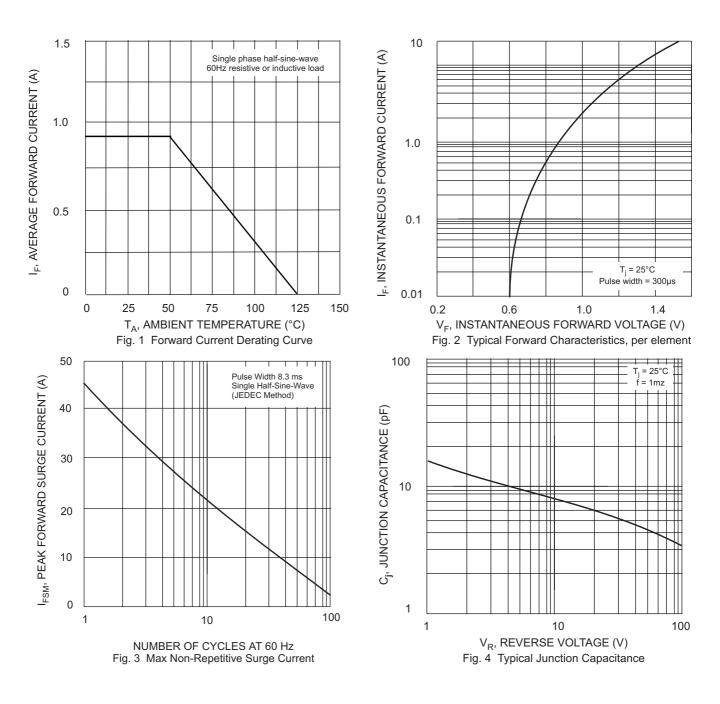


Maximum Ratings and Electrical Characteristics	@T _A =25°C unless otherwise specified
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Single Phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

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	V
Input Voltage Recommended	VR(RMS)	40	80	125	250	380	500	٧
Average Rectified Output Current (Note 1) @T _A = 50°0	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 _F = 0.8A	VFM			1	.0			V
Peak Reverse Current $@T_A = 25^{\circ}C$ At Rated DC Blocking Voltage $@T_A = 100^{\circ}C$	IRM	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.



ORDERING INFORMATION

Product No.	Package Type	Shipping Quantity
B40C800	Round Bridge	1000 Units/Box
B80C800	Round Bridge	1000 Units/Box
B125C800	Round Bridge	1000 Units/Box
B250C800	Round Bridge	1000 Units/Box
B380C800	Round Bridge	1000 Units/Box
B500C800	Round Bridge	1000 Units/Box

Shipping quantity given is for minimum packing quantity only. For minimum order quantity, please consult the Sales Department.

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WARNING: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

Won-Top Electronics Co., Ltd.
No. 44 Yu Kang North 3rd Road, Chine Chen Dist., Kaohsiung, Taiwan Phone: 886-7-822-5408 or 886-7-822-5410

Fax: 886-7-822-5417 Email: sales@wontop.com Internet: http://www.wontop.com



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