

B40C800 - B500C800

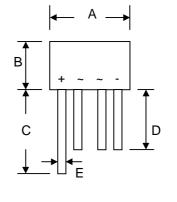
0.8A BRIDGE RECTIFIER

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
- 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



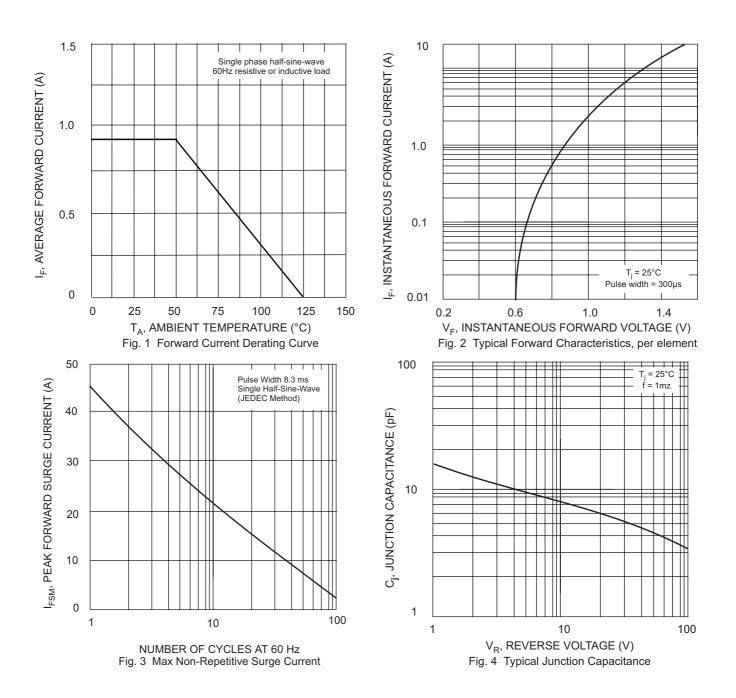
WOB					
Dim	Min	Max			
Α	8.60	9.10			
В	5.0	5.50			
С	27.9	_			
D	25.4	_			
E	0.71	0.81			
G	4.60	5.60			
All Dimensions in mm					

Maximum Ratings and Electrical Characteristics @T_A=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	V
Input Voltage Recommended	Vr(rms)	40	80	125	250	380	500	V
Average Rectified Output Current (Note 1) $@T_A = 50^{\circ}C$	ю	0.8					А	
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM			4	5			A
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			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.



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

ORDERING INFORMATION

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.

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