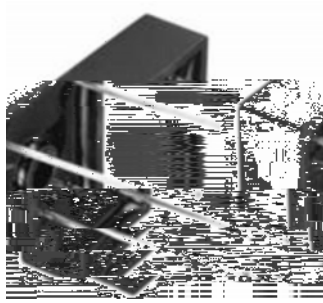




Bridge Rectifiers



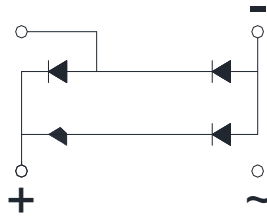
Features

- UL recognition, file #E230084
- Universal 3-way terminals snap-on wire wrap-around or PCB mounting
- Glass passivated chip junction
- High surge current capability
- Low thermal resistance
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical Applications

General purpose use in AC/DC bridge full wave rectification for power supply, home appliances, office equipment, industrial automation applications.

Package Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant



Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
 Suffix letter "W" added to indicate wire leads (e.g. BR2510W).

Maximum Ratings (Ta=25 Unless otherwise specified

PARAMETER	SYTYti	1	W	S
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Forward Surge Current (Non-repetitive) 4 8 " 3ms ž Half-sine wave ž 1 cycle ž T	1 25 IFSM	A	400	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			800	
Current squared time @1ms t 8.3ms Tj=25 , Rating of per diode	I²t	A²S	664	

Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8	
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Outline Dimensions

BR-W		
Dim	Min	Max
A	28.2	28.8
B	17.1	19.1
C	10.4	12.4
D	0.95	1.05
E	10.8	11.2
F	30	/
G	4.5	5.5

BR		
Dim	Min	Max
A	28.2	28.8
B	15.3	17.3
C	17.1	19.1
D	13.2	15.2
E	0.75	0.85



BR25005(W) THRU BR2510(W)

Disclaimer

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The product listed here is designed to be used with ordinary electronic equipment or devices and is not designed to be used with equipment or devices which require a high level of reliability, the malfunction of which could directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers