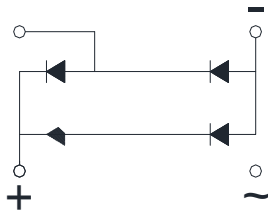
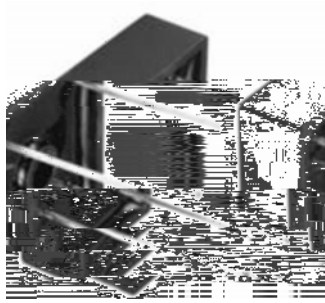




Bridge Rectifiers



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 equipment, mechanical Data 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	SYti	=	\$	\$	W	\$	S	\$
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Forward Surge Current (Non-repetitive) @8 . 3ms , Half-sine wave , 1 cycle , Tj = 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



Disclaimer

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