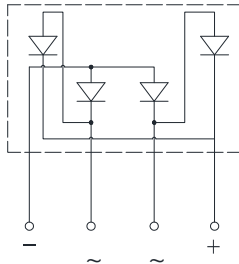
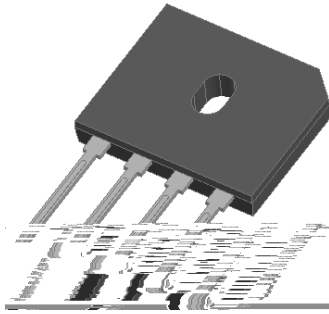


Low VF Bridge Rectifiers



Features

- UL recognition, file #E230084 based on silicon planar process
- Ideal for printed circuit boards
- High surge current capability
- Low VF
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical Applications

General purpose use in AC/DC bridge full wave rectification for monitor, TV, printer, power supply, switching mode power supply, adapter, audio equipment, and home appliances applications.

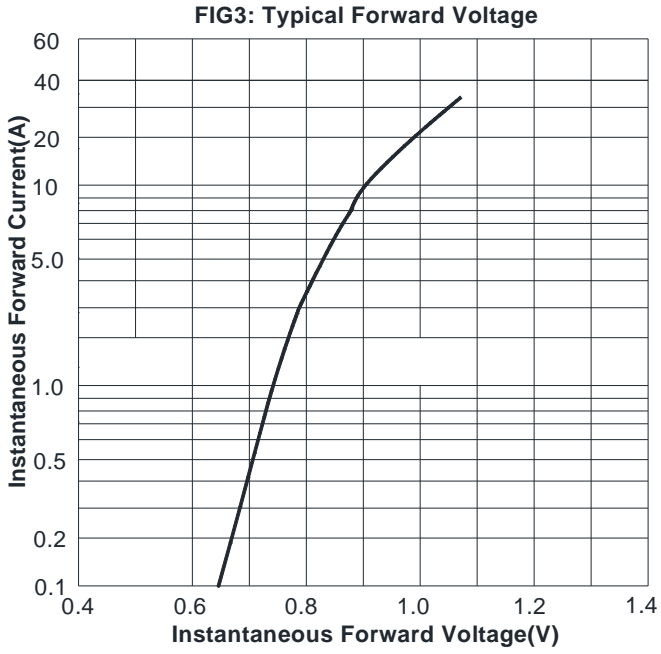
Mechanical Data

- Package:** GBU
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity:** As marked on body

Maximum Ratings (Ta=25 Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	PÅ	:	2	VRMS
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Maximum DC blocking Voltage	VDC	V			800	
Average rectified output current @60Hz half sine wave, R-load	IO	A	With heatsink Tc =110		15.0	
			Without heatsink Ta =25		3.5	
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A			220	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25				440		
Current squared time @1ms t 8.3ms Tj=25, Rating of per diode	I²t	A²S			200.9	
Storage temperature	Tstg				-55 ~ +150	
Junction temperature	Tj				-55 ~ +150	
Dielectric strength @ Terminals to case, AC 1 minute	Vdis	KV			2.5	
Mounting torque @Recommend torque 5kg cm	Tor	kg cm			8	



Outline Dimensions

GBU		
Dim	Min	Max
A	21.80	22.30
B	18.30	18.80
C	17.50	18.00
D	3.30	3.90
E	7.10	7.50
F	5.50	5.90
G	1.91	2.54
H	2.06	2.54
I	1.02	1.27
J	4.83	5.33
K	3.30	3.56
L	2.40	2.66
M	0.46	0.56



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