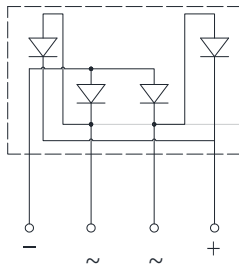
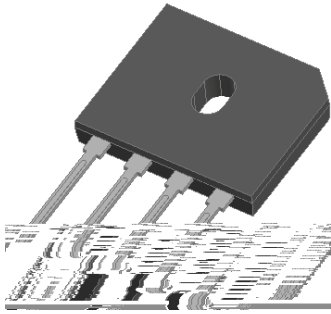


Super Fast Recovery Bridge Rectifiers



Features

- UL recognition, file #E230084
- Glass passivated chip junction
- Ideal for printed circuit boards
- High surge current capability
- 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	
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	RMS	V	420
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Maximum DC bloCurrent s q uared time
@1msÔtÔ 8.3ms T j = 25ting of per diode

I

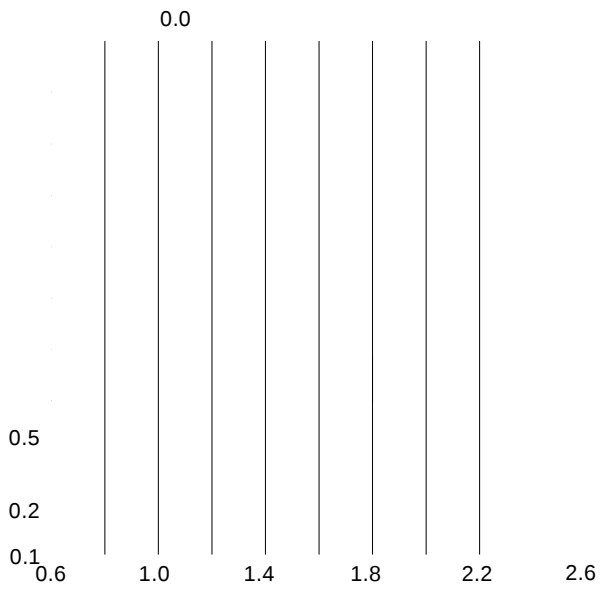
	t_f	A ² S	201
Storage temperature	Tstg		-55 ~ +150
Junction temperature	Tj		-55 ~ +150
Dielectric strength @ Terminals to case, AC 1 minute	Vdis	KV	2.5
Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8



EGBU2506

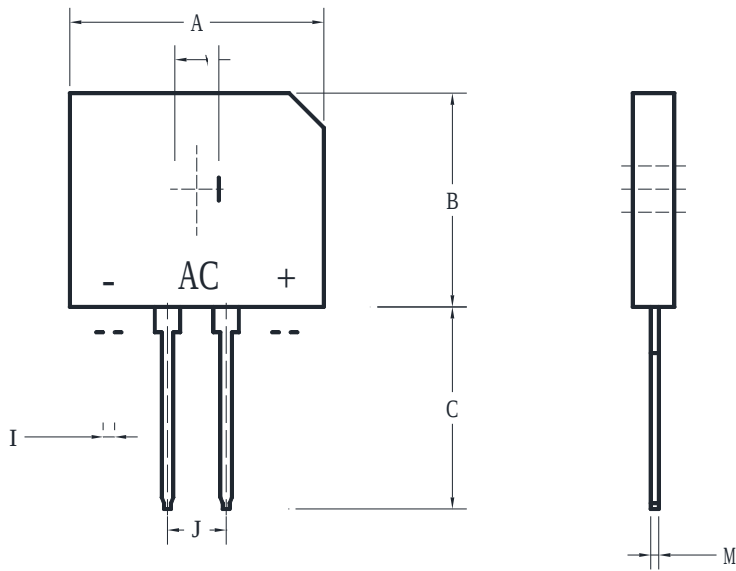
■Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	EGBU2506
Maximum reverse recovery time	T_{RR}	ns	$I_F=0.5A, I_R=1.0A,$ $I_{RR}=0.25A$	35
Maximum instantaneous forward voltage drop per diode	V_F	V	$I_{FM}=12.5A$	2.0
Maximum DC reverse current at rated DC blocking voltage per diode	I_R	μA	$T_j = 25$	





■ Outline Dimensions



Dimensions in millimeters

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



Disclaimer

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The product listed herein 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 and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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