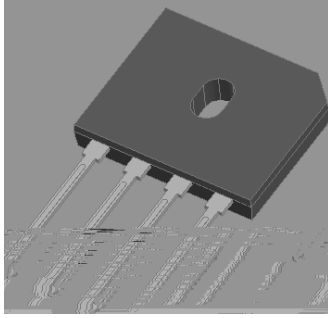


## Super Fast Recovery Bridge Rectifiers

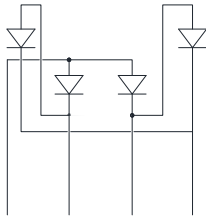


### Features

- 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

Packag T

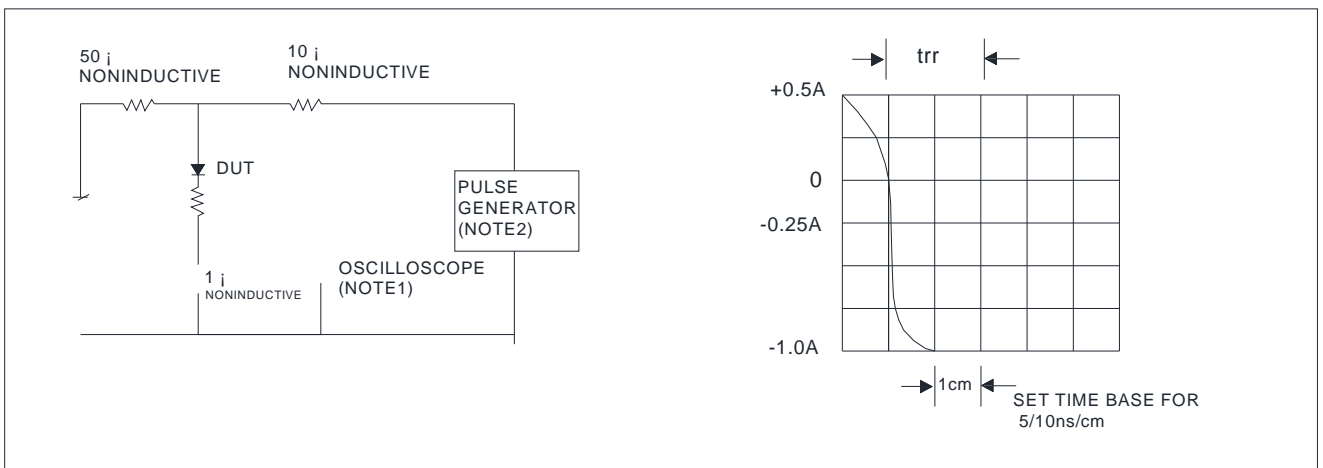
V M

	RMS	V	420	
<b>Maximum DC blocking Voltage</b>	V <sub>DC</sub>	V	600	
<b>Average rectified output current</b> 4 60Hz sine wave R-load	With heatsink T <sub>c</sub> = 25 °C	I <sub>o</sub>	A	30
	Without heatsink T <sub>a</sub> = 25 °C			3.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, T <sub>j</sub> =25	I <sub>FSM</sub>	A	320	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T <sub>j</sub> =25			640	
Current squared time @1ms t 8.3ms T <sub>j</sub> =25 , Rating of per diode	I <sup>2</sup> t	A <sup>2</sup> S	425	
Storage temperature	T <sub>stg</sub>	-	-55 ~ +150	
Junction temperature	T <sub>j</sub>	-	-55 ~ +150	
Dielectric strength @ Terminals to case, AC 1 minute	V <sub>dis</sub>	KV	2.5	
Mounting torque @Recommend torque 0.5kg cm	Tor	kg cm	8	



Electrical Characteristics  $\ddot{A}T_a$

FIG.5: Diagram of circuit and Testing wave form of reverse recovery time





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

Dimensions in millimeters



## Disclaimer

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