Low VF Glass Passivated Bridge Rectifier Multicomp PRO





Features

- Surge overload rating 350 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique
- The plastic material has UL flammability classification 94V-0
- Mounting position: Any

Maximum Ratings And Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%

Characteristic	Symbol	Values	Unit
Maximum Recurrent Peak Reverse Voltage	VRRM	800	
Maximum RMS Voltage	VRMS	560	V
Maximum DC Blocking Voltage	VDC	800	
Maximum Average Forward (with heatsink Note 2) Rectified Current @ Tc = 100°C (without heatsink)	I(AV)	25 4.2	
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	IFSM	350	A
Maximum Forward Voltage at 12.5A DC	VF	0.95	V
Maximum DC Reverse Current @ TJ = 25°C at Rated DC Blocking Voltage @ TJ = 125°C	lr	10 500	μA
I ² t Rating for Fusing (t<8.3ms)	l ² t	200	A ² s
Typical Junction Capacitance Per Element (Note 1)	Cı	70	pF
Operating Temperature Range	Тл	-55 to +150	°C
Storage Temperature Range	Тѕтс		

Notes:

- 1. Measured at 1MHz and applied reverse voltage of 4V DC
- 2. Device mounted on 100mm × 100mm × 1.6mm Cu plate heatsink.
- 3. The typical data above is for reference only

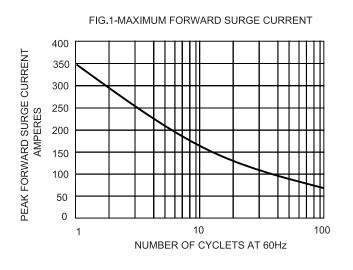
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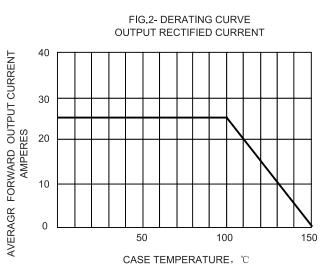


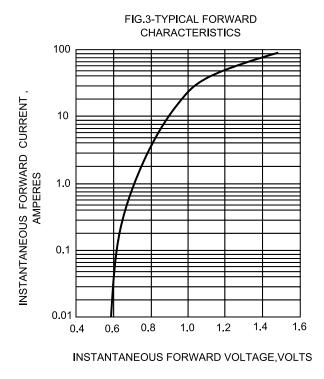
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Rating and Characteristic Curves







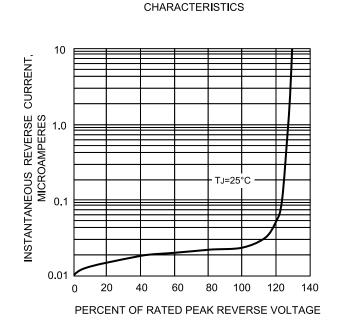


FIG.4-TYPICAL REVERSE

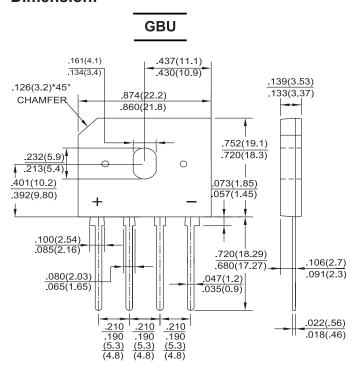
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Dimension:



Dimensions: Inches (Millimetres)

Part Number Table

Description	Part Number	
Low VF Glass Passivated Bridge Rectifier	GBU2508F	

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