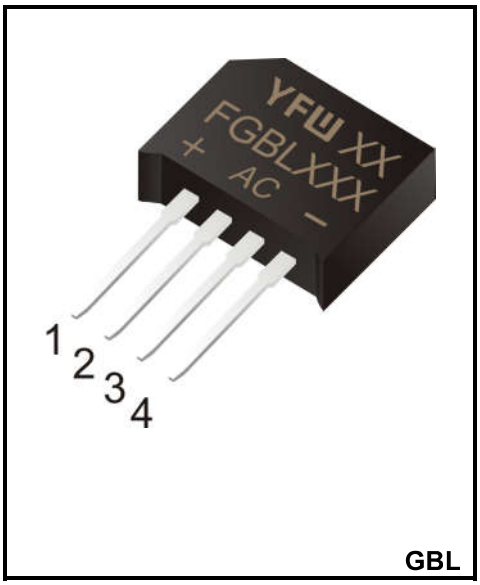
8.0A FAST RECOVERY RECTIFIER BRIDGE
Reverse Voltage – 400 to 1000 V
Forward Current – 8.0A



GBL

FEATURES

- Glass passivated chip
- Low Reverse Leakage Current
- High surge current capability
- Case to Terminal Isolation Voltage 2500V
- Lead free in comply with EU RoHS 2011/65/EU directives

MECHANICAL DATA

- Case: GBL
- Terminals: Solderable per MIL-STD-750, Method 2026
- Weight: About 2.15 grams

Maximum Ratings and Electrical characteristics

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

Parameter	Symbols	FGBL804	FGBL806	FGBL808	FGBL810	Units
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	400	600	800	1000	V
Average Forward Output Rectified Current @Ta =85℃	I_o	8.0				A
Forward Voltage Per Leg @IFM =8A	V_F	1.35				V
Peak Forward Surge Current 8.3 ms Single Half Sine-Wave Superimposed on Rated Load	I_{FSM}	200				A
Maximum DC reverse current at rated DC blocking voltage per leg Ta = 25℃ / Ta = 125℃	I_R	5 / 100				uA
Maximum reverse recovery time	Trr	150	250	500		nS
Typical Junction Capacitance (Note1)	C_j	60				pF
Maximum thermal resistance per	$R_{\theta JC}$	20				°C/W
Rms isolation voltage from case to leads	V_{isol}	2500				V
Operating and Storage Temperature Range	T_j, T_{stg}	-55 ~ +150				°C

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Ratings and Characteristic Curves

Fig 1-forwardCurrent derating Curve
图1 正向电流降额曲线

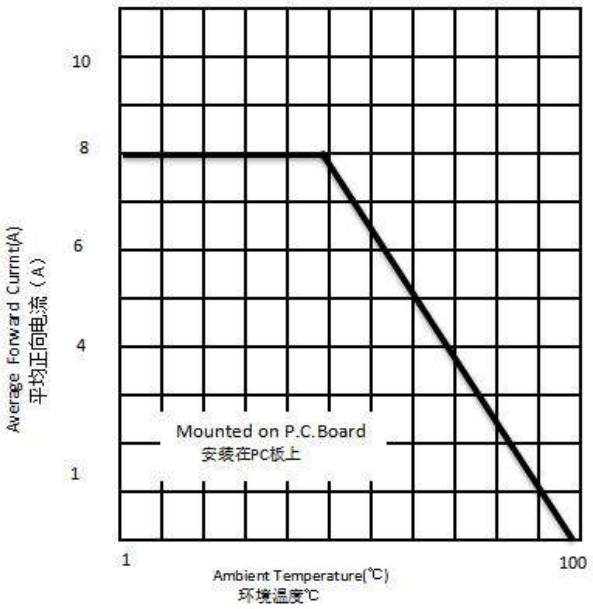


Fig. 2 - Maximum Non-Repetitive Surge Current
图2 最大不重复正向浪涌曲线

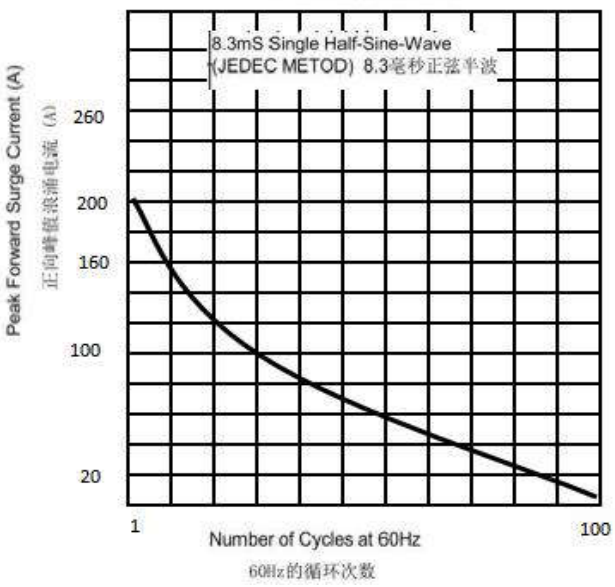


FIG.4-TYPICAL REVERSE CHARACTERISTICS

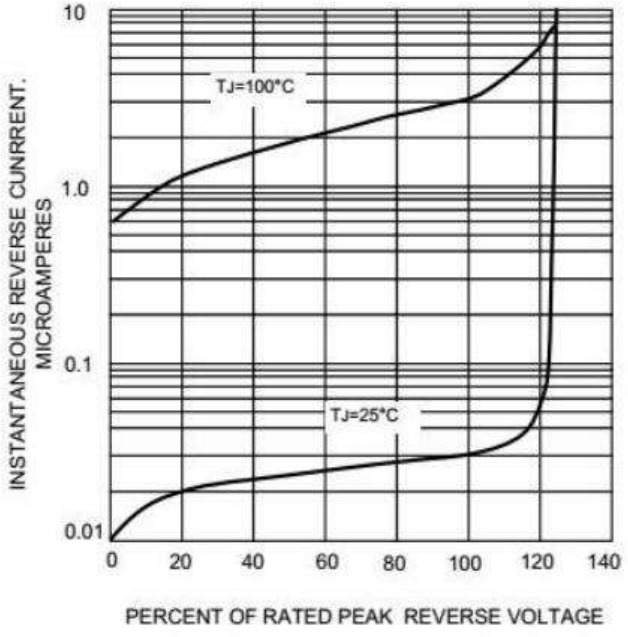
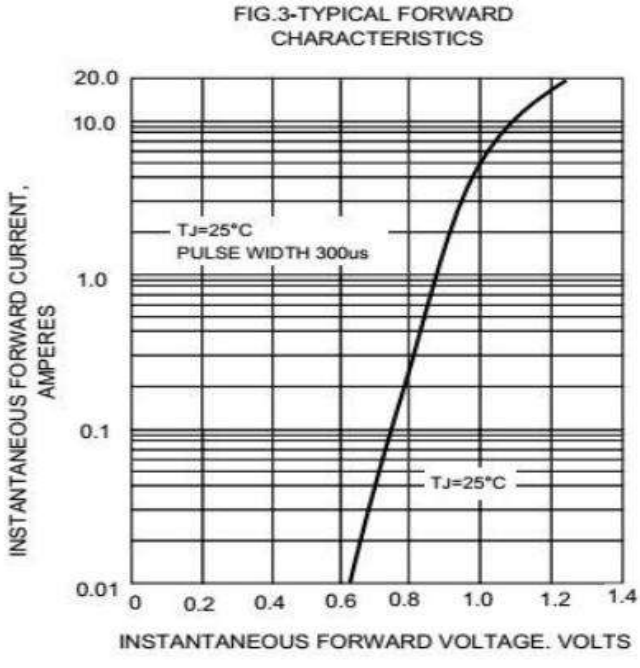


FIG.3-TYPICAL FORWARD CHARACTERISTICS



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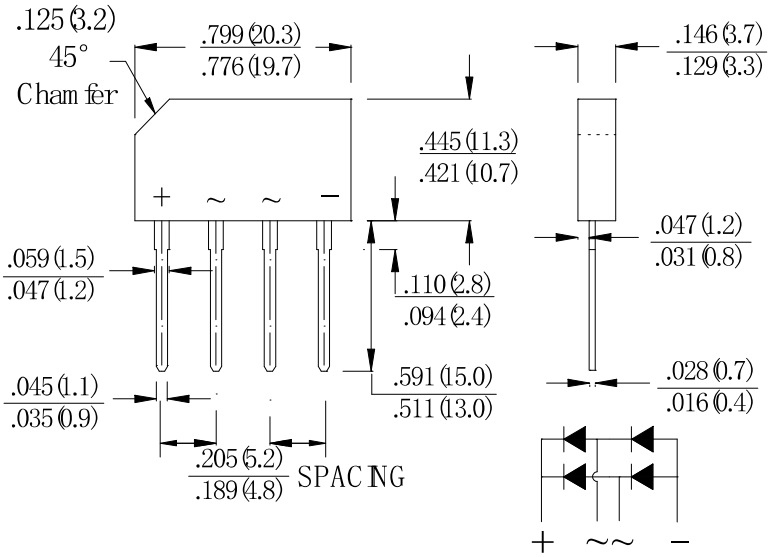
Package Outline GBL



Dimensions in inches and millimeters

Summary of Packing Options

Package	Packing Description	Packing Quantity	Industry Standard
GBL	BOX	500	EIA-481-1

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单击下面可查看定价，库存，交付和生命周期等信息

>>YFW(佑风微)

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