

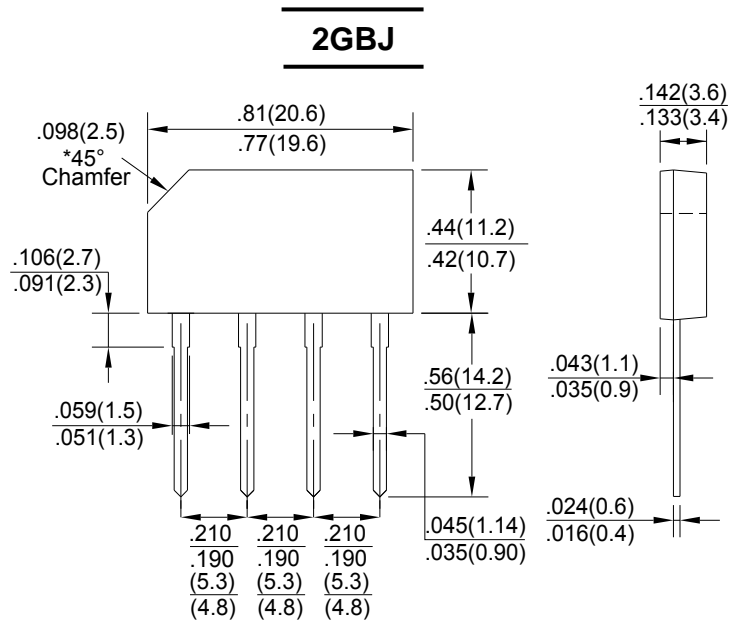
GLASS PASSIVATED BRIDGE RECTIFIERS

REVERSE VOLTAGE - 50 to 1000Volts

FORWARD CURRENT - 2.0 Amperes

FEATURES

- Surge overload rating -60amperes peak
- Ideal for printed circuit board
- Plastic material has U/L flammability classification 94V-0
- Mounting position:Any



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Resistive or inductive load,60HZ.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	2GBJ 005	2GBJ 01	2GBJ 02	2GBJ 04	2GBJ 06	2GBJ 08	2GBJ 10	UNIT
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V _{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Output Current @ T _A =50°C	I _(AV)	2.0							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	I _{FSM}	65							A
I ² t Rating for Fusing (t<8.3ms)	I ² t	17.5							A ² s
Maximum Forward Voltage Drop Per Bridge Element at 2.0A Peak	V _F	1.05							V
Maximum DC Reverse Current @ T _J =25°C at Rated DC Blocking Voltage @ T _J =125°C	I _R	5.0 500							μA
Typical Thermal Resistance	R _{θJA}	40							°C/W
Operating Temperature Range	T _J	-55 to +150							°C
Storage Temperature Range	T _{STG}	-55 to +150							°C

NOTE: The typical data above is for reference only(典型值仅供参考).

FIG.1- DERATING CURVE
OUTPUT RECTIFIED CURRENT

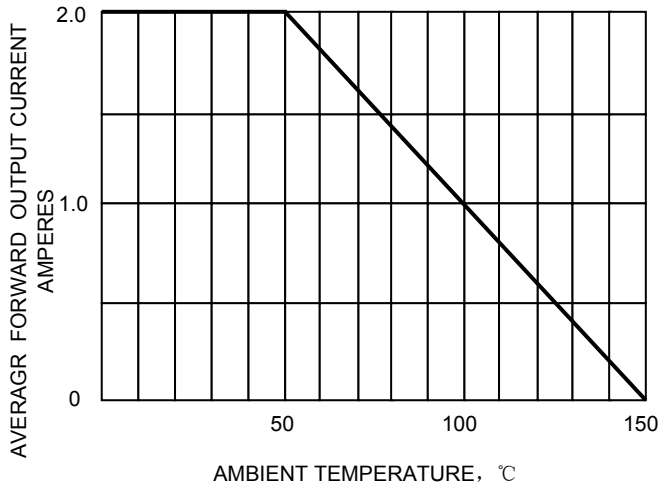


FIG.2-MAXIMUM NON-REPETITIVE SURGE CURRENT

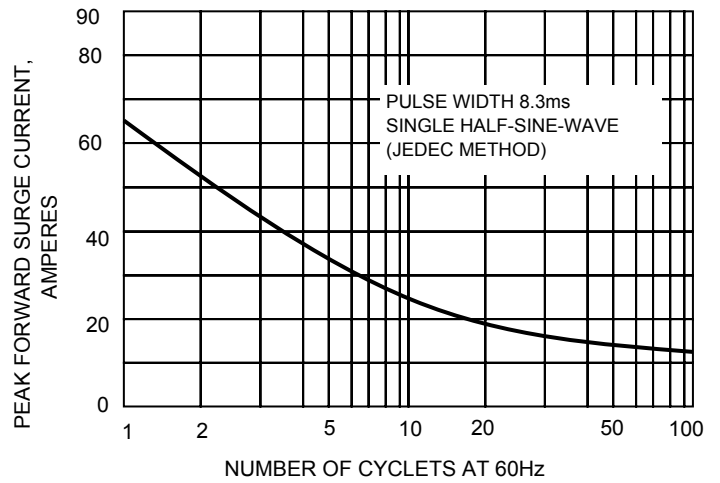


FIG.3-TYPICAL REVERSE CHARACTERISTICS

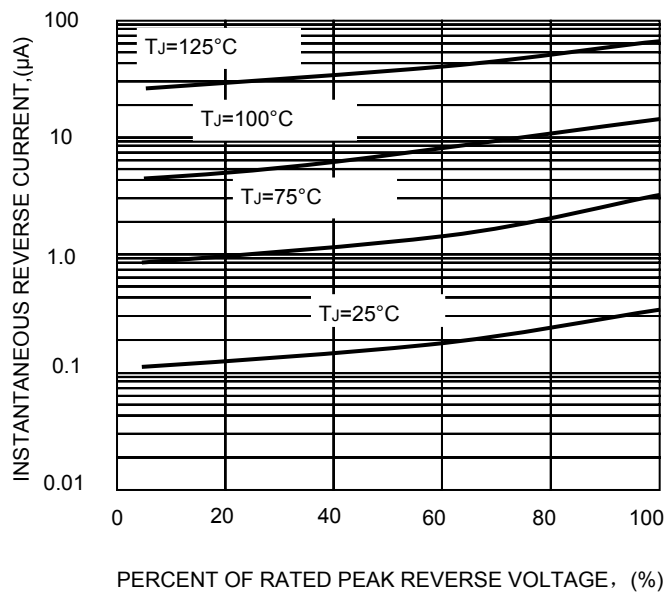
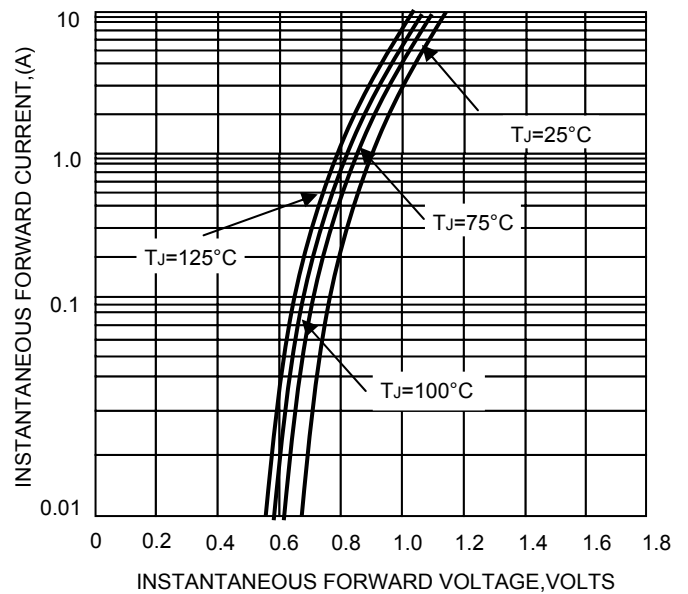


FIG.2-TYPICAL FORWARD CHARACTERISTICS



The curve graph is for reference only, can't be the basis for judgment(曲线图仅供参考)!



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