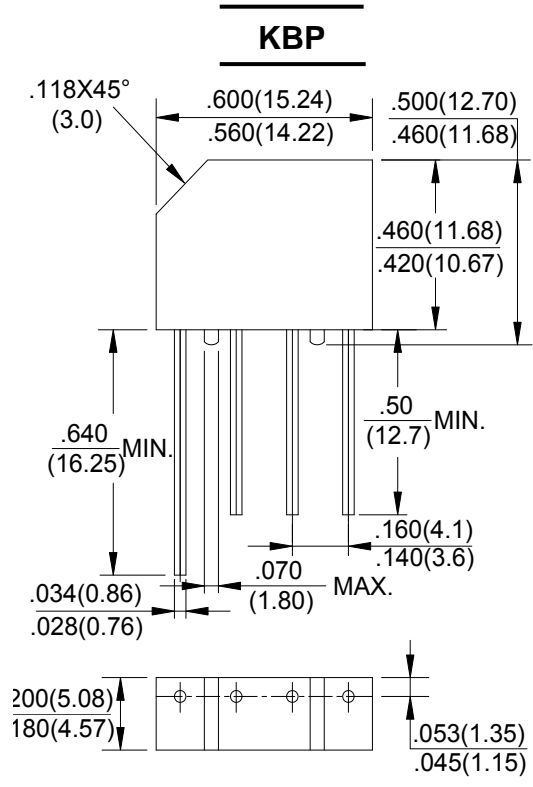


GLASS PASSIVATED BRIDGE RECTIFIERS	REVERSE VOLTAGE - 200 / 800 Volts FORWARD CURRENT - 1.5Amperes
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FEATURES

- Surge overload rating -50 amperes peak
- Ideal for printed circuit board
- Plastic material has Underwriters Laboratory flammability classification 94V-0
- Mounting position :Any



Dimensions in inches and (millimeters)

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	BY164	BY179	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	200	800	V
Maximum RMS Bridge Input Voltage	VRMS	140	560	V
Maximum DC Blocking Voltage	VDC	200	800	V
Maximum Average Forward Rectified Output Current @TA=50 °C	I(AV)	1.5		A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	IFSM	50		A
Maximum Forward Voltage Drop Per Bridge Element at 1.5A Peak	VF	1.1		V
Maximum Reverse Current at Rated DC Blocking Voltage Per Element @TJ=25°C	IR	10		µA
Maximum Reverse Current at Rated DC Blocking Voltage Per Element @TJ=100°C	IR	1.0		mA
Operating Temperature Range	TJ	-55 to +150		°C
Storage Temperature Range	TSTG	-55 to +150		°C

FIG.1-DERATING CURVE OUTPUT RECTIFIED CURRENT

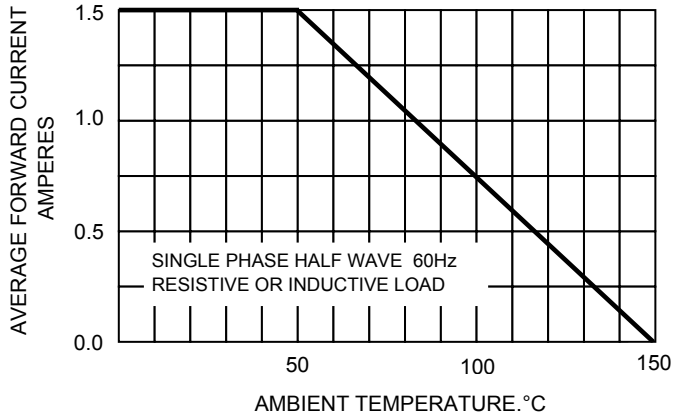


FIG.2-TYPICAL FORWARD CHARACTERISTICS

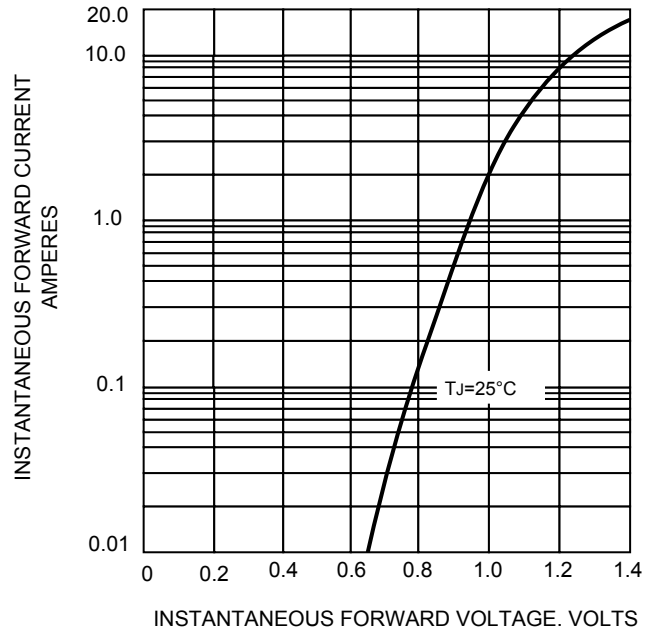


FIG.3-TYPICAL REVERSE CHARACTERISTICS

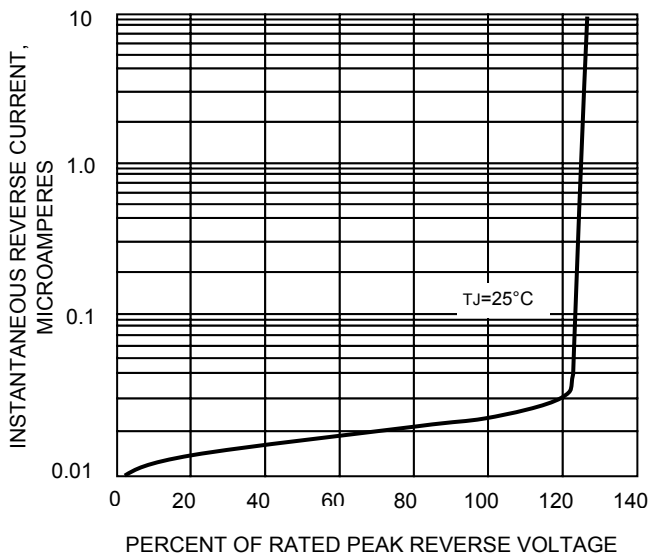
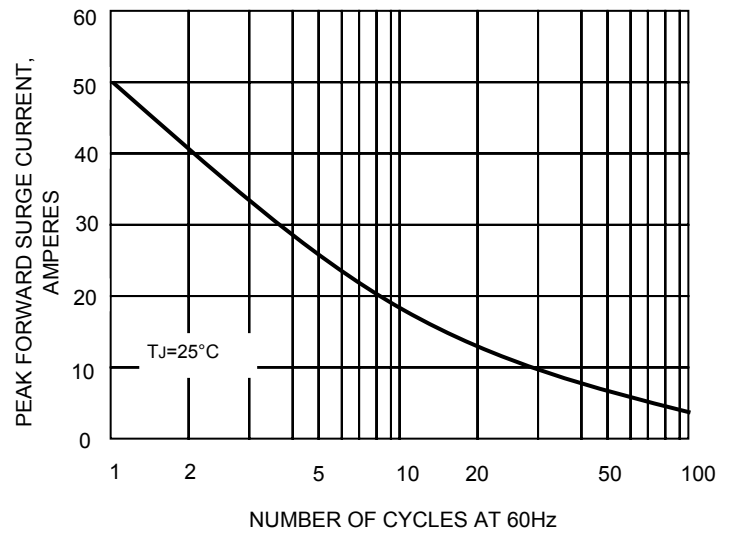


FIG.4-MAXIMUM FORWARD SURGE CURRENT



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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