



2A Glass Passivated Single-Phase Bridge Rectifier

<p><b>特征/Features</b></p> <ul style="list-style-type: none"> <li>◆ 玻璃钝化芯片 Glass passivated chip</li> <li>◆ 低反向漏电流 Low Reverse Leakage Current</li> <li>◆ 高耐浪涌电流能力 High surge current capability</li> </ul>	<p><b>外形尺寸/Outline Dimensions</b></p> <p><b>Case: KBP Series</b> Dimensions in millimeters</p>
<p><b>机械参数/Mechanical Data</b></p> <ul style="list-style-type: none"> <li>◆ 本体：塑封 Case: plastic package</li> <li>◆ 标识/极性：本体标记 Marking / Polarity: Marked on Body</li> <li>◆ 重量：约克 Weight: About 1.5 grams</li> </ul>	

**极限值/Maximum Ratings and Thermal Characteristics** @ Ta = 25 °C unless otherwise noted

符号 Symbol	特性 Characteristic	KBP2							单位 Unit
		005	01	02	04	06	08	10	
V <sub>RRM</sub>	最大反向重复峰值电压 Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
I <sub>F</sub> (AV)	平均整流输出电流 Average Forward Output Rectified Current@Ta =50°C	2							A
V <sub>F</sub>	正向峰值电压 Forward Voltage Per Leg @IFM =2A	1.05							V
I <sub>FSM</sub>	正向浪涌电流 Peak Forward Surge Current 8.3ms Single Half Sine-wave superimposed on rated load	45							A
I <sub>R</sub>	反向漏电流 Maximum DC reverse current at rated DC blocking voltage per leg	5 500							uA
i <sup>2</sup> t	热容值 Rating for fusing (t<8.3ms)	10							A <sup>2</sup> S
R <sub>θJC</sub>	热阻 Maximum thermal resistance per leg	15							°C/W
T <sub>J</sub> , T <sub>STG</sub>	结温, 存储条件 Operating Junction and storage temperature range	-55~150							°C

Note:

- (1) Junction to case with heatsink
- (2) Recommended mounting position is to bolt down on heatsink with silicone thermal compound for maximum heat transfer with M3 screw .



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### ■ 特性曲线 (典型) Characteristics(Typical)

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

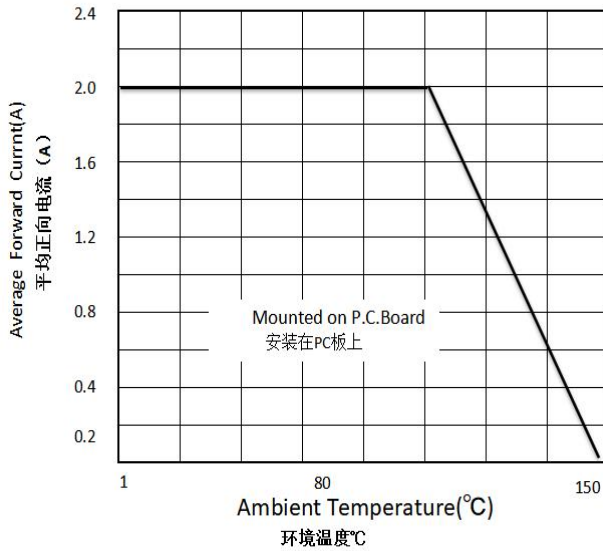


Fig.2-Maximum Non-Repetitive Surge Current  
图2 最大不重复正向浪涌曲线

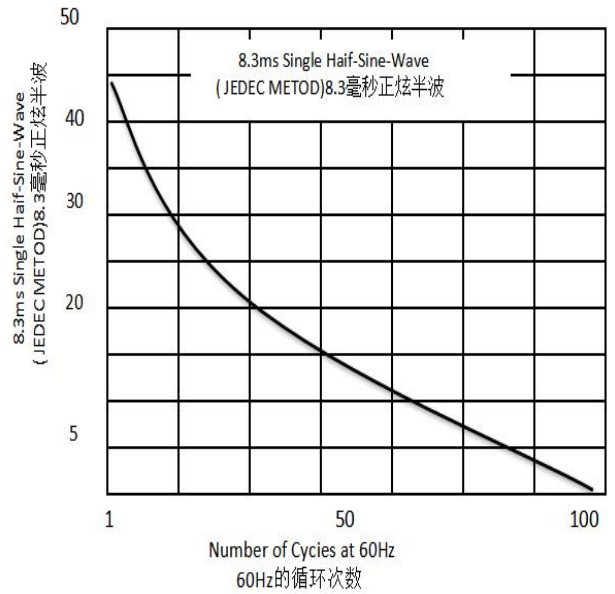


Fig.3-Typical Reverse Characteristics  
图3.典型的反向特性

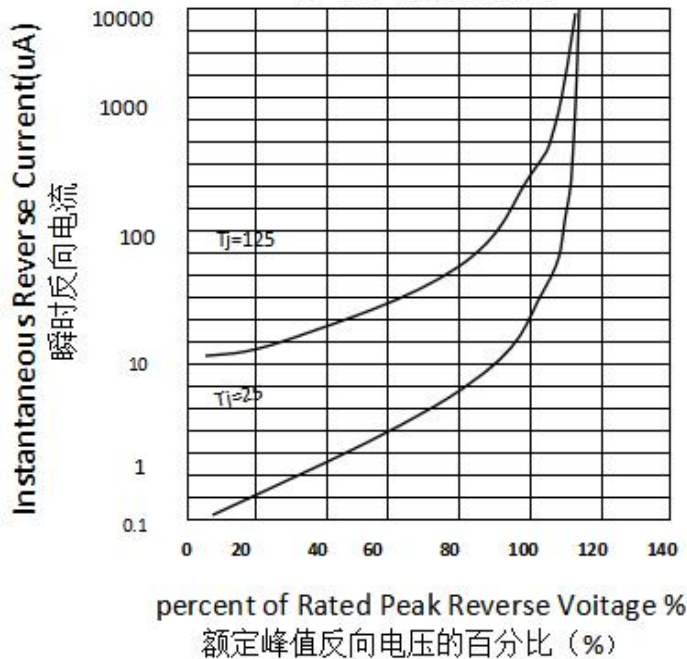
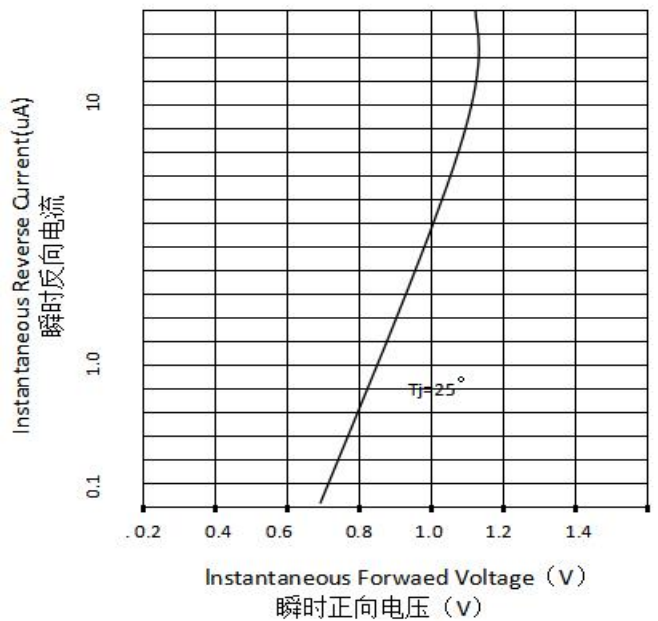
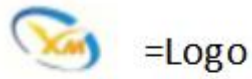


Fig.4-Typical Forwaed Characteristics  
图4.典型的正向特性



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=Logo

\*\*\*\* =Date code marking

KBP210 = Marking code

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