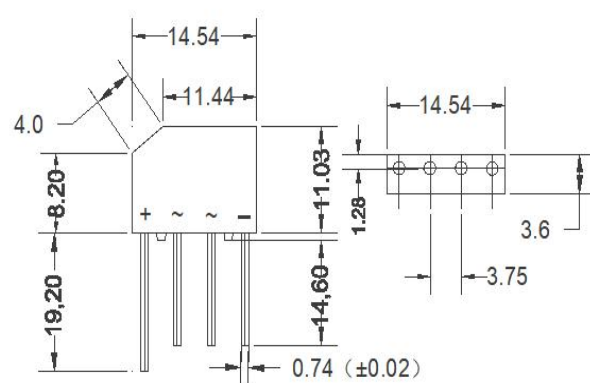




4A Glass Passivated Single-Phase Bridge Rectifier

<p><b>特征/Features</b></p> <ul style="list-style-type: none"> <li>◆ GPP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 1.5grams</li> </ul>	

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

符号 Symbol	特性 Characteristic	KBP4							单位 Unit
		005	01	02	04	06	08	10	
VRRM	最大反向重复峰值电压 Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
IF (AV)	平均整流输出电流 Average Forward Output Rectified Current@Ta =50°C	4							A
VF	正向峰值电压 Forward Voltage Per Leg @IFM =4A	1.1							V
IFSM	正向浪涌电流 Peak Forward Surge Current 8.3ms Single Half Sine-wave superimposed on rated load	80							A
IR	反向漏电流 Maximum DC reverse current at rated DC blocking voltage per leg	5 500							uA
i²t	热容值 Rating for fusing (t<8.3ms)	26							A²S
RθJC	热阻 Maximum thermal resistance per leg	32							°C/W
Tj, TSTG	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 .



### 4A Glass Passivated Single-Phase Bridge Rectifier

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

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

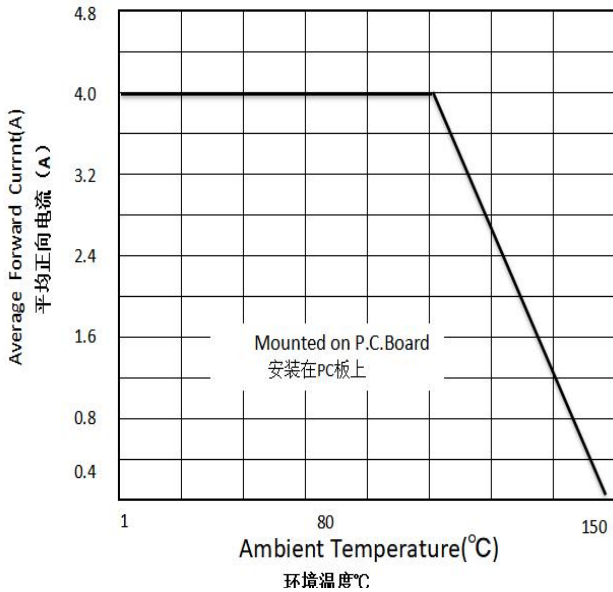


Fig.2-Maximum Non-Repetitive Surge Current  
图2最大不重复正向浪涌曲线

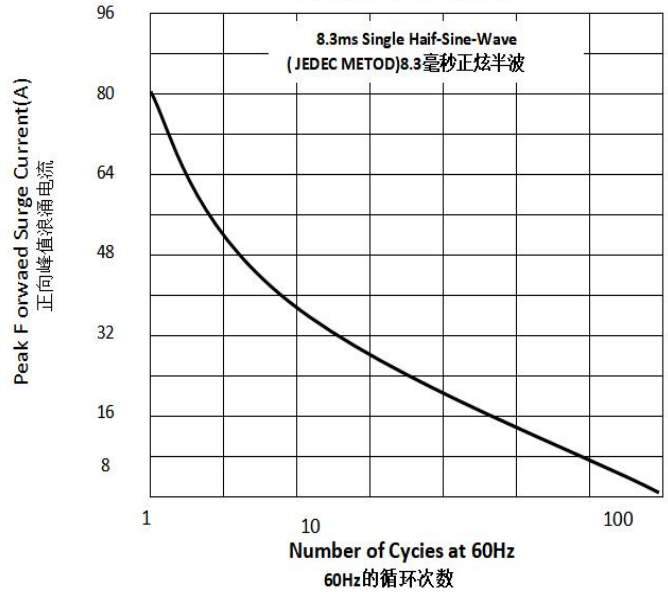


Fig.3-Typical Reverse Characteristics  
图3.典型的反向特性

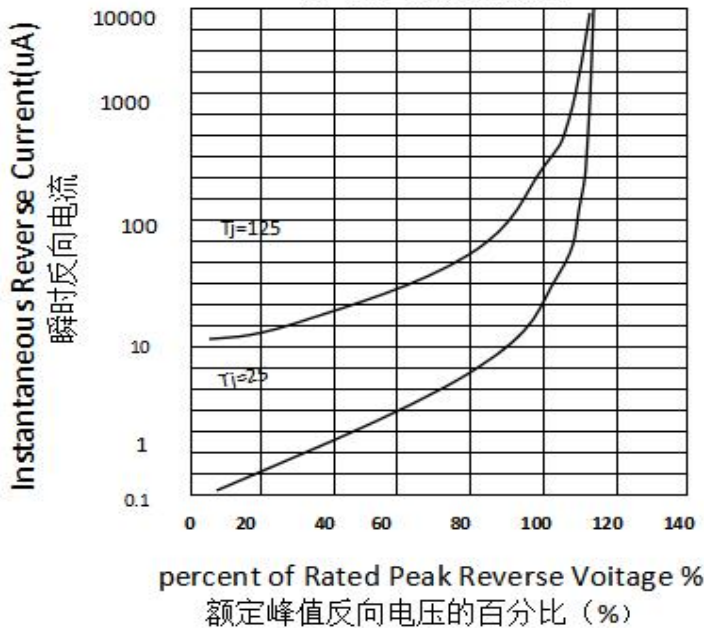
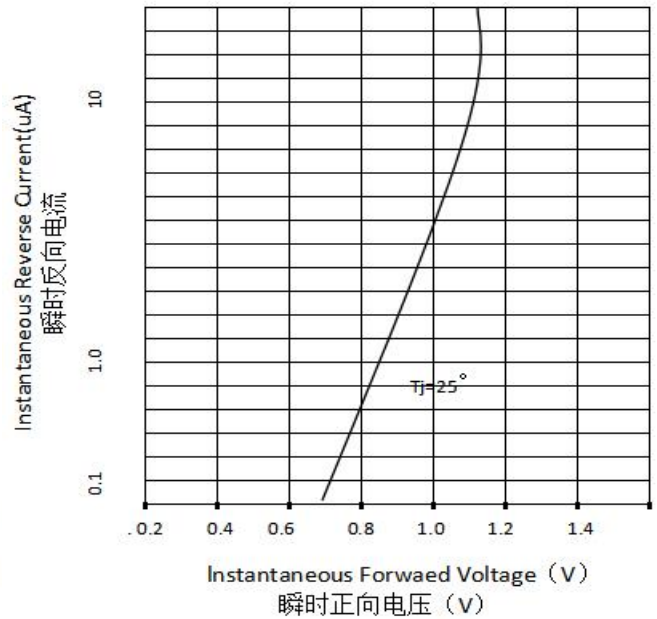


Fig.4-Typical Forward Characteristics  
图4.典型的正向特性



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