



|               |        |                                    |
|---------------|--------|------------------------------------|
| CUSTOMER NAME | 客户名称:  |                                    |
| CUSTOMER NO.  | 客户编号:  |                                    |
| SERIES        | 系 列:   | 拨动开关大电流系列                          |
| MODEL NO.     | 型 号:   | XB-0323PC-G5NT3ZBB                 |
| DRAWING NO.   | 图 形 号: | Sliding switch high current series |

依据和存档之用，多谢合作！

## EXAMINE & APPROVAL 审批

|                                                                                            |                        |
|--------------------------------------------------------------------------------------------|------------------------|
| <b>APPROVE</b> 接受                                                                          | <b>NOT APPROVE</b> 不接受 |
| <br><br><br><br><br><br><br><br><br><br><b>SIGNATURE</b> 签署 <b>STAMP</b> 盖章 <b>DATE</b> 日期 |                        |

|                                                       |                                                       |                                                      |                                                      |
|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| PREPARED BY.制表人                                       | CHECKED BY.校对                                         | APPROVED BY.审核                                       | APPROVAL BY. 批准                                      |
| <div>研发部</div> <div>戴海明</div> <div>2022. 06. 08</div> | <div>品质部</div> <div>黄自清</div> <div>2022. 06. 08</div> | <div>工程部</div> <div>庞军</div> <div>2022. 06. 08</div> | <div>总经办</div> <div>吴量</div> <div>2022. 06. 08</div> |

东莞市溪榜电子有限公司

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**Dong Guan XB ElectronicsCo.,Ltd**

Account Number : 705540238

BankName : CitibankN.A.,HongKongBranch

Country/Region: Hong Kong

BankCode: 006

BankAddress : 3GardenRoad,Central,Hong Kong

SWIFT/BIC : CITIHKHX(CITIHKHXXXX\*If 11 characters are required)

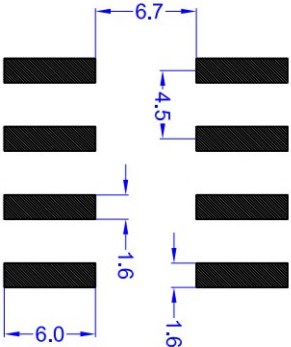
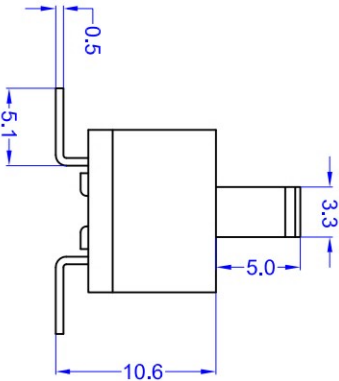
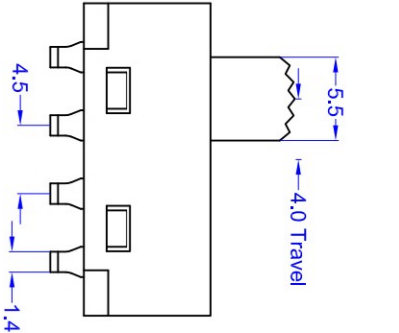
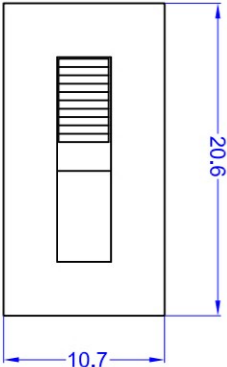
MAIL : HK@ALPSR.CN XB@ALPSR.CN

Quality core! Afterburner for Made in China!

| E    |         | F    |            | G |      | H       |  |
|------|---------|------|------------|---|------|---------|--|
| REV. | ECN NO. | DATE | DEFINITION |   | DRAW | APPROVE |  |
|      |         |      |            |   |      |         |  |

Notes

- Model NO.: XB--0323PC-G5NT3ZBB
- Rating:3(3)A 125/250VAC
- Contact resistance:≤100 mΩ
- Insulation resistance:≥100 MΩ(DC500V/Min)
- Electronics life:>10000 cycles
- Solder ability of terminal:Max 350° 3s
- Operation force:500±250gf
- All materials are Rohs compliant



PCB LAYOUT



东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONI CS CO., L.TD.

|                                                                                     |                 |        |               |     |             |  |                               |  |
|-------------------------------------------------------------------------------------|-----------------|--------|---------------|-----|-------------|--|-------------------------------|--|
| DRAWN                                                                               | <i>Jimmy</i>    | 180607 | SCALE         | 1:1 | DESCRIPTION |  | SLIDE SWITCH 3(3)A 125/250VAC |  |
| CHECKED                                                                             | <i>Jimmy</i>    | 180607 | SHEET         | 1/1 |             |  |                               |  |
| APPROVED                                                                            | <i>Jimmy</i>    | 180607 | UNIT          | mm  | TITLE       |  | SLIDE SWITCH                  |  |
| TOLERANCE                                                                           | $0 < L \leq 5$  |        | $\pm 0.1$     |     | PART NO.    |  | XB--0323PC-G5NT3ZBB           |  |
|                                                                                     | $5 < L \leq 30$ |        | $\pm 0.2$     |     |             |  |                               |  |
|                                                                                     | $L > 30$        |        | $\pm 0.3$     |     |             |  |                               |  |
|                                                                                     | ANGLES $\angle$ |        | $\pm 2^\circ$ |     |             |  |                               |  |
|  |                 |        |               |     |             |  |                               |  |



SIZE  
A4

ENG DRAW NO.

2018081711



|      |                 |    |       |
|------|-----------------|----|-------|
| 文件编号 | XB2018052201    |    |       |
| 发行日期 | 2018 年 5 月 22 日 |    |       |
| 编制   | Jimmy           | 审核 | Jimmy |
| 版本   | A               | 页面 | 1/3   |

滑动开关规格书Sliding switch specification

1. General 一般描述

1.1 Part Name

产品名称 滑动开关

1.2 Operating Temperature

使用环境温度 0℃~85℃

1.3 Function 功能

See attached drawing 见附件图纸

1.4 Standard Testing Condition

测试条件 Normal Temperature 25±10℃ / Normal humidity 45~85%RH  
Normal atmospheric pressure 860~1060hPa  
温度 25±10℃/湿度 45~85%RH/大气压力 860~1060hPa

1.5 Appearance

外观 See attached drawing

见附件图纸

2. Approval/Rating 认证/规格

|               |                        |                       |            |
|---------------|------------------------|-----------------------|------------|
| Approval 安规认证 | Rating 规格参数            | Electronics life 电气寿命 | Remarks 备注 |
| UL、TUV        | 3(3)A 125/250VAC μ T85 | 10,000 Cycles         | Approved   |

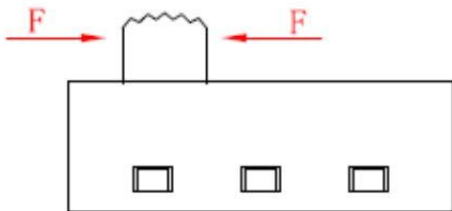
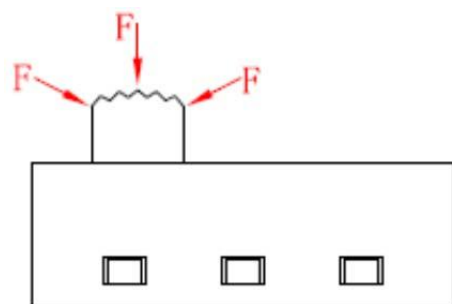
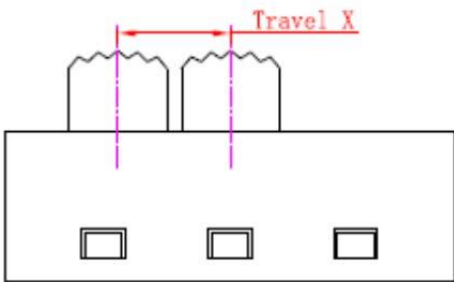
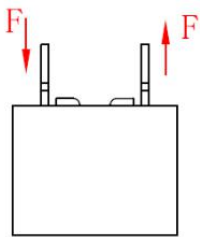
3. Electrical Characteristics 电气特性

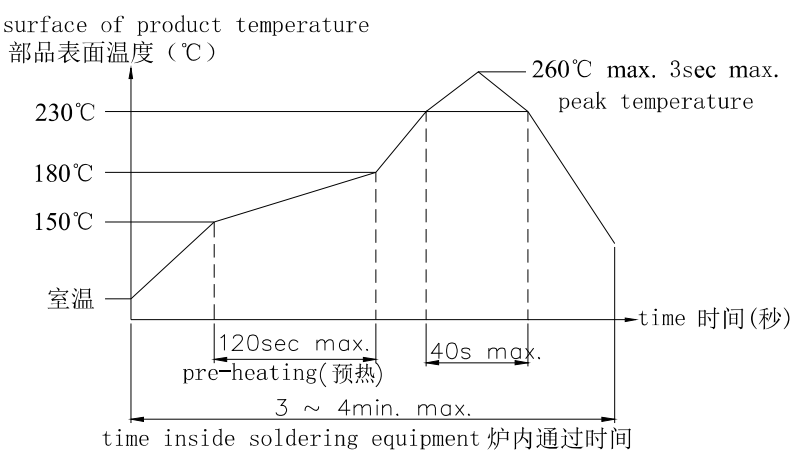
| NO.<br>序号 | Item<br>项目                       | Condition 条件                                                                                                                                                                                   | Criteria 标准                                                                                        |
|-----------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 3.1       | Electrical life<br>电气寿命          | 10,000 life cycles<br>10,000 周次                                                                                                                                                                | Switch perform 10 cycles of normal function<br>after max. electrical life<br>开关达到最大电气寿命后能继续运行 10 次 |
| 3.2       | Contact<br>resistance<br>接触阻抗    | Initial<br>起始                                                                                                                                                                                  | ≅ 30mΩ                                                                                             |
| 3.3       | Contact gap<br>接触间隙              | On off position<br>在 OFF 位                                                                                                                                                                     | <3mm                                                                                               |
| 3.4       | Insulation<br>resistance<br>绝缘阻抗 | Between terminals to case at 500VDC<br>for 1minute<br>脚与外壳间承受 500VDC,保持 1 分钟                                                                                                                   | ≅ 100MΩ                                                                                            |
| 3.5       | Dielectric<br>strength<br>耐压强度   | Between terminals of contacts 1000VAC,<br>5mA for 1 minute<br>端子与端子间承受 1000VAC, 5mA,保持<br>1 分钟<br>Between terminals to button 1500VAC,<br>5mA for 1 minute<br>端子与外壳间承受 1500VAC, 5mA,保持<br>1 分钟 | Measurement before life test, no flash or<br>dielectric breakdown<br>量度于寿命测试前, 无闪光或击穿现象            |



滑动开关规格书Sliding switch specification

4. Physical characteristics 物理特性

| NO.<br>序号 | Item<br>项目                                       | Condition 条件                                                                                                                                                                                                                       | Criteria 标准                                                                                                                                                                                                                                                                                                       |
|-----------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1       | Mechanical life<br>机械寿命                          | Perform 50,000 cycles operations<br>50,000 周次                                                                                                                                                                                      | No detachable parts & switch / normal function<br>开关无损坏/功能正常                                                                                                                                                                                                                                                      |
| 4.2       | Operating force<br>操作力<br>Operating mode<br>操作方式 | <p>Correct operation 正确操作</p>  <p>Improper operation 非正确操作</p>  | <p>Operating force: See attach drawing<br/>操作力: 见附件图纸</p> <p>Correct operation: Horizontal force push pull the slider<br/>正确操作: 水平力推动滑块</p> <p>Improper operation: Non horizontal force push pull the slider<br/>非正确操作: 非水平力推动滑块</p> <p>Improper operation will affect the switch function<br/>非正常操作将造成开关功能不良</p> |
| 4.3       | Travel<br>行程                                     |                                                                                                                                                 | See attached drawing<br>见附件图纸                                                                                                                                                                                                                                                                                     |
| 4.4       | Terminal strength<br>端子强度                        | <p>Pulling &amp; pushing force of max.3Kg apply to the terminal vertically<br/>端子最大能承受 3Kg 垂直拔出/推入力</p>                                         | No detach of terminal<br>端子无推入及脱离现象                                                                                                                                                                                                                                                                               |

|                                                                                                                                               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |    |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|-------|
|  <b>东莞市溪榜电子有限公司</b><br>DONG GUAN XI BANG ELECTRONICS CO., LTD. |                                     | 文件编号                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | XB2018052201    |    |       |
|                                                                                                                                               |                                     | 发行日期                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2018 年 5 月 22 日 |    |       |
| 滑动开关规格书Sliding switch specification                                                                                                           |                                     | 编制                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Jimmy           | 审核 | Jimmy |
|                                                                                                                                               |                                     | 版本                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A               | 页面 | 3/3   |
| 4.5                                                                                                                                           | Hand soldering<br>手工焊接              | Please practice according to bellow conditions:<br>请按以下条件进行焊接:<br>Soldering temperature : $\leq 350^{\circ}\text{C}$<br>焊锡温度: $\leq 350^{\circ}\text{C}$<br>Continuous soldering time: $\leq 3\text{ Sec}$<br>连续焊接时间: $\leq 3\text{ Sec}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |    |       |
| 4.6                                                                                                                                           | Automatic flow<br>soldering<br>自动焊接 | For the product of DIP ,type solder according to the following conditions<br>对于 DIP 产品, 请按以下条件进行焊接<br>Soldering temperature : $\leq 250 \pm 5^{\circ}\text{C}$<br>焊锡温度: $\leq 250 \pm 5^{\circ}\text{C}$<br>Continuous soldering time: $\leq 5\text{ Sec}$<br>连续焊接时间: $\leq 5\text{ Sec}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |    |       |
|                                                                                                                                               |                                     | For the product of SMT ,type solder according to the following conditions<br>对于 SMT 产品, 请按以下条件进行焊接<br> <p>The graph shows the surface temperature profile for SMT soldering. The y-axis is 'surface of product temperature 部品表面温度 (°C)' with markers at 150°C, 180°C, 230°C, and 260°C. The x-axis is 'time 时间 (秒)' with markers for '120sec max. pre-heating(预热)', '40s max.', and '3 ~ 4min. max. time inside soldering equipment 炉内通过时间'. The profile starts at room temperature, rises to 150°C, then to 180°C (120s max pre-heat), then to a peak of 260°C (40s max), and finally cools down. The peak temperature is labeled '260°C max. 3sec max. peak temperature'.</p> |                 |    |       |
| 4.7                                                                                                                                           | Flammability<br>rating<br>防火等级      | Thermoplastic UL 94V-0<br>热塑性塑料 UL 94V-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |    |       |

If the special or particular requirement are not shown in the specification, please contact our company representative for further explanation.

若在规格书内未有注明的规格, 请联系本公司的销售代表以获取详细解释。

This specification is subjected to change without prior notice.

此规格书如有更改, 恕不另行通知