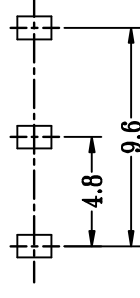
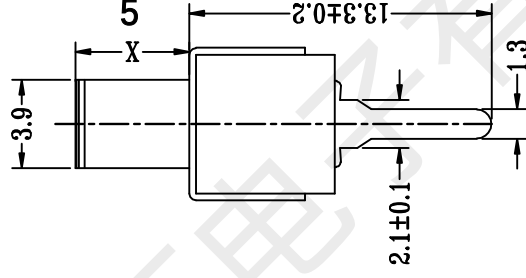
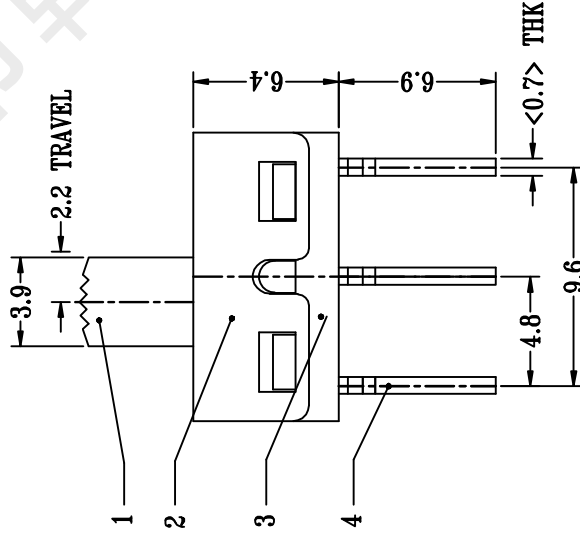
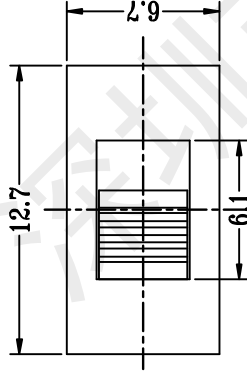


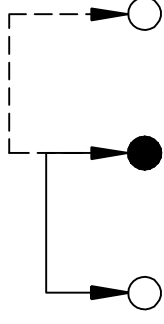


CAD FILE:

- 电气性能参数：
1. 额定负载：AC125V 2A
  2. 接触电阻：100毫欧以下
  3. 绝缘电阻：100兆欧以上
  4. 耐压：AC 500V
  5. 力度：250 $\pm$ 100gf
  6. 寿命：5000次
  7. 手焊：350 $\pm$ 10度



P.C.B LAYOUT  
BOTTOM VIEW



SCHEMATIC(NON-SHORTING)

|     |            |       |  |           |  |      |           |                               |       |             |              |                         |       |    |           |     |           |  |  |  |
|-----|------------|-------|--|-----------|--|------|-----------|-------------------------------|-------|-------------|--------------|-------------------------|-------|----|-----------|-----|-----------|--|--|--|
| 8   |            |       |  |           |  |      | TOLERANCE |                               |       |             |              |                         |       |    |           |     |           |  |  |  |
| 7   | STEEL BALL |       |  |           |  | 1    | NATURAL   | UNLESS SPECIFIED              |       |             |              |                         |       |    |           |     |           |  |  |  |
| 6   | SPRING     |       |  |           |  | 1    | NATURAL   | WITHIN 1.5mm : ±0.1mm         | A     |             |              |                         |       |    |           |     |           |  |  |  |
| 5   | CONTACT    |       |  |           |  | 1    | Ag PLATED | OVER 1.5mm : ±0.2mm           | ISSUE | DATE        |              |                         |       |    |           |     |           |  |  |  |
| 4   | TERMINAL   |       |  |           |  | 3    | Ag PLATED | TITLE : VERTICAL SLIDE SWITCH |       |             | UNIT : mm    | DRWG NO.: DR-SS12D10-00 |       |    |           |     |           |  |  |  |
| 3   | CASE       |       |  |           |  | 1    | BLACK     | MODEL: SS-12D10L5             |       |             | SCALE: 3 : 1 |                         | DWN.  | 黄彬 | 2020.9.16 |     |           |  |  |  |
| 2   | COVER      |       |  |           |  | 1    | NATURAL   |                               |       |             |              |                         | CHK'D | 张伟 | 2020.9.16 |     |           |  |  |  |
| 1   | KNOB       |       |  |           |  | 1    | BLACK     |                               |       |             |              |                         |       |    | APPD.     | 罗小春 | 2020.9.16 |  |  |  |
| NO. |            | PARTS |  | MATERIALS |  | Q'TY |           |                               |       | 深圳市韩下电子有限公司 |              |                         |       |    |           |     |           |  |  |  |
|     |            |       |  |           |  |      |           |                               |       |             |              |                         |       |    |           |     |           |  |  |  |



深圳市韩下电子有限公司

Shenzhen Hanxia Electronic Co., Ltd

Tel: 0755-33819206 Fax: 0755-27597491

## 承 认 书

### SPECIFICATION FOR APPROVAL

客 户 Customer:

产品名称 Project:

拨动开关

规格型号 Part No:

SS-12D10L5

#### 贵公司承认印 Approval signatures

| 料 号/Part No. | 签 章/Signatures |
|--------------|----------------|
|              |                |

日期 Date:

|             |     |                                                                                      |
|-------------|-----|--------------------------------------------------------------------------------------|
| 拟制/Drawn    | 黄彬  |  |
| 审核/Check    | 张伟  |                                                                                      |
| 批准/Approved | 罗小春 |                                                                                      |

|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |                                                               |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|  深圳市韩下电子有限公司 |                                                                                                                                                                                                                                                                                                                                                                              | 文件编号                                                                                                                                                                                                                                        |                                                               |
|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                              | 发布日期                                                                                                                                                                                                                                        | 2020年9月16日                                                    |
| SPECIFICATION 规格书                                                                            |                                                                                                                                                                                                                                                                                                                                                                              | 第2版                                                                                                                                                                                                                                         | 1of2                                                          |
| 产品名称:拨动开关                                                                                    |                                                                                                                                                                                                                                                                                                                                                                              | 产品型号: SS-12D10L5                                                                                                                                                                                                                            |                                                               |
| 1:GENERAL SPECIFICATION 基本事项                                                                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |                                                               |
| 1.1                                                                                          | RATING (额定值): AC 125V 2A                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                             |                                                               |
| 1.2                                                                                          | PRACTICAL TEMPERATURE RANEG: - 25℃~+70℃.<br>使用温度范围: 在-25℃~+70℃溫度內使用.                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                             |                                                               |
| 1.3                                                                                          | STANDARD ATMOSPHEIC CONDITIONS :<br>UNLESS OTHERWISE SPECIFIED. THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS:<br>(1) AMBIENT TEMPERATURE : 5℃ TO 35℃;<br>(2) RELATIVE HUMIDITY : 45% TO 85%;<br>(3) AIR PRESSURE : 86Kpa TO 106Kpa.<br>测试标准状态: 在沒有指定的情況下测试温度, 湿度, 气压如下:<br>(1)温度为5~35℃; (2)湿度为45%~85%; (3) 气压为86Kpa~106Kpa. |                                                                                                                                                                                                                                             |                                                               |
| 2. ELECTRICAL CHARACTERISTICS (电气性能规格):                                                      |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |                                                               |
| ITEM                                                                                         | 项目                                                                                                                                                                                                                                                                                                                                                                           | TEST CONDITIONS 测试条件                                                                                                                                                                                                                        | PERFORMANCE (DATA) 规格 (数据)                                    |
| 2.1                                                                                          | CONTACT RESISTANCE<br>接触电阻                                                                                                                                                                                                                                                                                                                                                   | MEASURED AT 1KHz SMALL CURRENT(100 mA OR LESS)<br>在1KHz微小电流(100mA 以下)测试.                                                                                                                                                                    | 100mΩ MAX.<br>100毫欧以下.                                        |
| 2.2                                                                                          | INSULATION RESISTANCE<br>绝缘电阻                                                                                                                                                                                                                                                                                                                                                | APPLY A VOLTAGE OF 100V DC FOR 1 MIN.<br>THE FOLLOWING CONTACE TEST METHOD:<br>(1)BETWEEN BODY AND CONDUCTOR.<br>(2) BETWEEN CONDUCTORS NOT TO BE CONTAC.<br>输入100V DC电压1分钟, 按以下接触方法测试:<br>(1)接触端子之间.<br>(2)胶座体和排脚之间.                       | 100MΩ MIN.<br>100兆欧以上.                                        |
| 2.3                                                                                          | IELECTRIC STRENGTH<br>耐电压                                                                                                                                                                                                                                                                                                                                                    | AC 500V(50-60Hz) FOR 1 MIN TRIP CURRENT:0.5mA<br>THE FOLLOWING CONTACE TEST METHOD:<br>(1)BETWEEN TERMINALS.<br>(2) BETWEEN INDIVIDUAL TERMINALS AND FRAME.<br>输入AC500V(50-60Hz) 电压, 1分钟感度电流为0.5mA, 接触测试方法如下:<br>(1)接触端子之间.<br>(2)外壳体和排脚之间. | WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC.<br>沒有绝缘破坏等异常 |
| 3 .MECHANICAL CHARACTERISTICS (机械性能规格)                                                       |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |                                                               |
| ITEM                                                                                         | 项目                                                                                                                                                                                                                                                                                                                                                                           | TEST CONDITIONS 测试条件                                                                                                                                                                                                                        | PERFORMANCE (DATA) 规格 (数据)                                    |
| 3.1                                                                                          | OPERATION FORCE<br>动作力                                                                                                                                                                                                                                                                                                                                                       | LATERAL PUSH (侧向推动)                                                                                                                                                                                                                         | PUSH FORCE (按压力度):<br>250gf±100gf                             |
| 3.2                                                                                          | TRAVEL TO CLOSURE<br>动作行程                                                                                                                                                                                                                                                                                                                                                    | IN THE HORIZONTAL DIRECTION SWITCH HANDLE OPRATION,WITH AN EQUAL TO 2TIMES THE THRUST OF THE SWITCH FORM ONE POSITION TO THE NEXT GEAR, MOVING DISTANCE MEASURING HANDLE.<br>在开关推柄运行的水平方向, 以一个等于2倍推力使开关从一个档位运动到下一档位, 测量推柄的移动距离.             | 2.5mm±0.2mm                                                   |
| 3.3                                                                                          | STEM STRENGTH<br>操作部 (柄) 强度                                                                                                                                                                                                                                                                                                                                                  | AND ALONG THE RUNNING DIRECTION AT APEX HANDLE( 500gf)ON THESTRENGTH TEST,TIME IS 30 SECONDS.<br>在推柄的先端沿运行方向加上 (500gf) 力度测试, 时间为30秒.                                                                                                        | 外观无异常, 满足于机械, 电气性能                                            |

|                                                                                              |                              |                                                                                                                                                                                                                                                   |                                                                                                                             |
|----------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  深圳市韩下电子有限公司 |                              | 文件编号<br>发布日期                                                                                                                                                                                                                                      | 2020年9月16日                                                                                                                  |
| SPECIFICATION 规格书                                                                            |                              | 第2版                                                                                                                                                                                                                                               | 2of2                                                                                                                        |
| 产品名称：拨动开关                                                                                    |                              | 产品型号：SS-12D10L5                                                                                                                                                                                                                                   |                                                                                                                             |
| 4. DURABILITY(耐久性)：                                                                          |                              |                                                                                                                                                                                                                                                   |                                                                                                                             |
| ITEM 项目                                                                                      |                              | TEST CONDITIONS 测试条件                                                                                                                                                                                                                              | PERFORMANCE (DATA) 规格(数据)                                                                                                   |
| 4.1                                                                                          | LIFE TEST<br>寿命试验            | AN ACTUATOR SHALL BE WITH A THRUST OF NO GREAT THAN 1 TIMES SWITH POWER TO 5000 CYCLES AT A SPEED OF 30 CYCLES FOR 1 MIN.<br>操作者以每分钟30次的频率，施加不大于开关1倍的推力做5000次无负荷测试.                                                                               | 1)CONTACT RESISTANCE SHALL BE 500mΩ MAX.<br>2)LIFETIME:5000CYCLES<br>1)接触电阻不超于500mΩ .<br>2)寿命:5000次                         |
| 4.2                                                                                          | HEAT TEST<br>耐热实验            | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 85±2℃ FOR 96 HOURS.AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE.<br>放置在温度85±2℃中96小时后，再放置正常室温中1小时后测定.                      | THERE SHALL BE NO DAMAGE ONAPPEARANCE.<br>MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.<br>外观无异常，满足于机械，电气性能 |
| 4.3                                                                                          | COLD TEST<br>耐冷实验            | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF-25±3℃ FOR 96 HOURS.AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE.<br>放置在温度-25±3℃中96小时后，再放置正常室温中1小时后测定.                     |                                                                                                                             |
| 4.4                                                                                          | HUMIDITY TEST<br>潮湿实验        | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 40±2℃ AND A HUMIDITY OF 80% TO 85% FOR 96 Hr. THEN THE JACK SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 Hr FOR OTHER PROCEDURES.<br>放置在40±2℃相对湿度为80~85%环境中96小时后，再将样品放在正常室温中1小时后测定. |                                                                                                                             |
| 4.5                                                                                          | SOLDERING CONDITIONS<br>焊锡条件 | HAND SOLDERING 手焊：<br>1) DIVCE 工具：SOLDER IRON 电烙铁.<br>A. 350℃MAX. , 2 sec Max<br>B. 270℃MAX. , 4 sec Max                                                                                                                                          | THERE SHALL BE NO DAMAGE ONAPPEARANCE.<br>MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.<br>外观无异常，满足于机械，电气性能 |