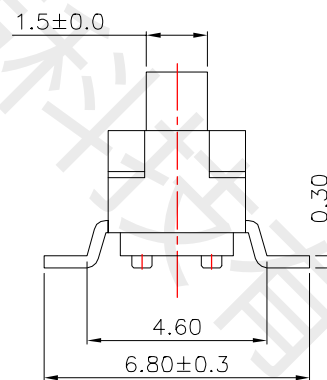
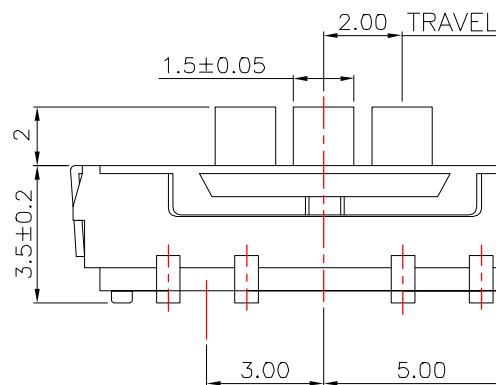
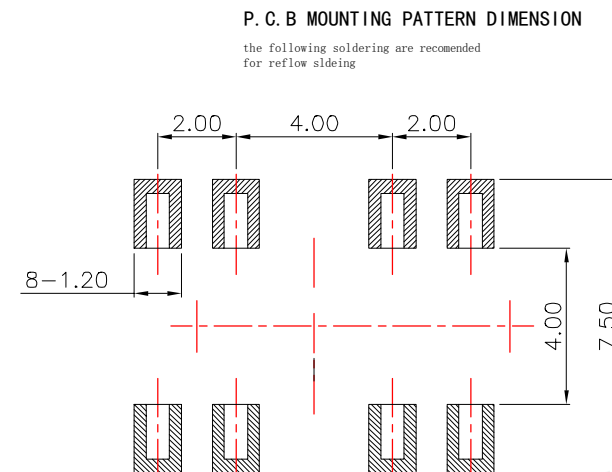
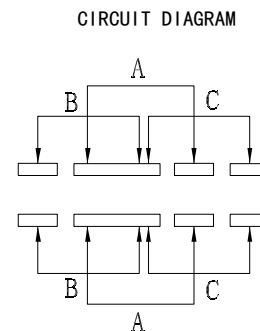
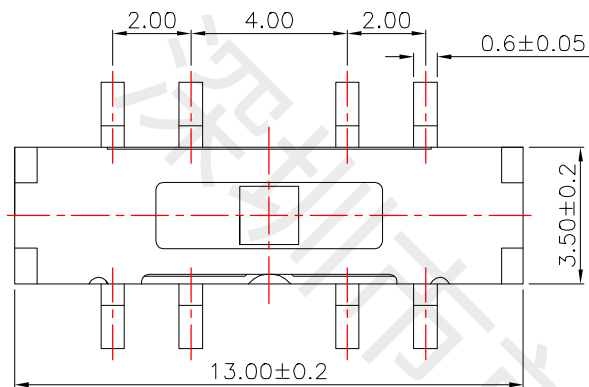


RoHS

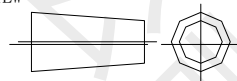


### 技术参数

| NO | 项目   | 参数             |
|----|------|----------------|
| 1  | 额定电流 | 12V DC 500mA   |
| 2  | 接触电阻 | ≤100Ω          |
| 3  | 按 力  | 200±80gf       |
| 4  | 行 程  | 2.0±0.2mm      |
| 5  | 绝缘电阻 | >100MΩ         |
| 6  | 抗电强度 | 250V 50Hz 1Min |
| 7  | 寿 命  | 10000 次        |

Specification 材质

| Part Name | Material | Specification |
|-----------|----------|---------------|
| 名称        | 颜色       | 材质            |
| 盖板        | 银白色      | 不锈钢镀银         |
| 按钮        | 黑色       | PA46/9T       |
| 弹簧        | 本色       | 不锈钢丝          |
| 簧片        | 银白色      | 磷青铜镀银         |
| 基座        | 黑色       | PA46/9T/LCP   |
| 端子        | 银白色      | 磷铜镀银          |

|                                                                                                        |                 |                   |                |            |                    |    |                                                                                       |       |                |
|--------------------------------------------------------------------------------------------------------|-----------------|-------------------|----------------|------------|--------------------|----|---------------------------------------------------------------------------------------|-------|----------------|
|  <b>深圳市首韩科技有限公司</b> |                 |                   |                |            | 第三视角<br>FIRST VIEW |    |  |       | 名称/NAME:       |
| 标记<br>SING                                                                                             | 处数<br>FREQUENCY | 更改文件号<br>REVISION | 签名<br>APPROVED | 日期<br>DATE | 比例<br>SCALE        |    | 一般公差<br>GENERAL TOLERANCE                                                             |       | 型号/MODEL:      |
| 设计                                                                                                     | DESIGN          | 李春风               | 2020.7.13      | 2020.7.13  | 单位<br>UNIT         | mm | 0.5~2                                                                                 | ±0.10 | MST-23D18G2-BD |
| 审核                                                                                                     | CHECKED         | 钟华华               | 2020.7.13      | 2020.7.13  | 重量<br>WEIGHT       |    | 2~5                                                                                   | ±0.15 |                |
| 批准                                                                                                     | APPROVED        | 罗孝金               | 2020.7.13      | 2020.7.13  |                    |    | 5~10                                                                                  | ±0.20 |                |
|                                                                                                        |                 |                   |                |            |                    |    | 角度<br>ANGLE                                                                           | ±0.5° |                |

名称/NAME:  
**拨 动 开 关**

型号/MODEL:  
**MST-23D18G2-BD**



深圳市首韩科技有限公司

SHENZHEN SHOUHAN TECHNOLOGY CO., LTD

Tel: 0755-27597601 Fax: 0755-27597491

## 承 认 书

### SPECIFICATION FOR APPROVAL

产 品 编 码

Material code:

产品名称 Project:

拨动开关

规格型号 Part No:

MST-22D18G2-BD

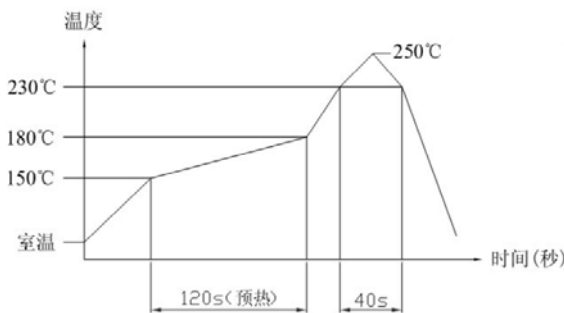
贵公司承认印 Approval signatures

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

日期 Date:

|             |     |                                                                                      |
|-------------|-----|--------------------------------------------------------------------------------------|
| 拟制/Drawn    | 李春风 |  |
| 审核/Check    | 钟华华 |                                                                                      |
| 批准/Approved | 罗孝金 |                                                                                      |

|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                |                                                                     |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|  深圳市首韩科技有限公司 |                                                                                                                                                                                                                                                                                                                                                                                   | 文件编号                                                                                                                                                                                                                                           |                                                                     |
|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                   | 发布日期                                                                                                                                                                                                                                           | 2020年7月17日                                                          |
| SPECIFICATION 规格书                                                                            |                                                                                                                                                                                                                                                                                                                                                                                   | 第2版                                                                                                                                                                                                                                            | 1of2                                                                |
| 产品名称:拨动开关                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                   | 产品型号: MST-22D18G2-BD                                                                                                                                                                                                                           |                                                                     |
| 1:GENERAL SPECIFICATION 基本事项                                                                 |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                |                                                                     |
| 1.1                                                                                          | RATING (额定值): DC 12V 100mA                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                |                                                                     |
| 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<br>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<br>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.                                                                                                                                                                       | 100m Ω MAX.<br>100毫欧以下.                                             |
| 2.2                                                                                          | INSULATION<br>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.                          | 100M Ω MIN.<br>100兆欧以上.                                             |
| 2.3                                                                                          | IELECTRIC<br>STRENGTH<br>耐电压                                                                                                                                                                                                                                                                                                                                                      | AC 250V(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AC250V(50-60Hz) 电压, 1分钟感度电流为0.5mA,<br>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<br>PARTS ARCING OR<br>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<br>FORCE<br>动作力                                                                                                                                                                                                                                                                                                                                                         | LATERAL PUSH (侧向推动)                                                                                                                                                                                                                            | PUSH FORCE (按压力度):<br>200gf±80gf                                    |
| 3.2                                                                                          | TRAVEL TO<br>CLOSURE<br>动作行程                                                                                                                                                                                                                                                                                                                                                      | IN THE HORIZONTAL DIRECTION SWITCH HANDLE<br>OPRATION, WITH AN EQUAL TO 2TIMES THE THRUST OF<br>THE SWITSH FORM ONE POSITION TO THE NEXT GEAR,<br>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<br>一个档位运动到下一档位, 测量推柄的移动距离.  | 2mm±0.2mm                                                           |
| 3.3                                                                                          | STEM<br>STRENGTH<br>操作部 (柄)<br>强度                                                                                                                                                                                                                                                                                                                                                 | AND ALONG THE RUNNING DIRECTION AT APEX HANDLE(<br>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<br>30秒.                                                                                                  | 外观无异常, 满足于机械,<br>电气性能                                               |

|                                                                                      |                              |                                                                                                                                                                                                                                                    |                      |                                                                                                                             |            |
|--------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|------------|
|  首韩® |                              | 深圳市首韩科技有限公司                                                                                                                                                                                                                                        |                      | 文件编号                                                                                                                        | 2020年7月17日 |
|                                                                                      |                              |                                                                                                                                                                                                                                                    |                      | 发布日期                                                                                                                        |            |
| SPECIFICATION 规格书                                                                    |                              |                                                                                                                                                                                                                                                    |                      | 第2版                                                                                                                         | 2of2       |
| 产品名称: 拨动开关                                                                           |                              |                                                                                                                                                                                                                                                    | 产品型号: MST-22D18G2-BD |                                                                                                                             |            |
| 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 10000 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10000次无负荷测试.                                                                             |                      | 1) CONTACT RESISTANCE SHALL BE 500mΩ MAX.<br>2) LIFETIME: 10000 CYCLES<br>1) 接触电阻不超于500mΩ.<br>2) 寿命: 10000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 ON APPEARANCE. 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<br>2) REFLOW SOLDERING 回流焊: ≤250℃<br>                   |                      | THERE SHALL BE NO DAMAGE ON APPEARANCE. MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.<br>外观无异常, 满足于机械, 电气性能 |            |