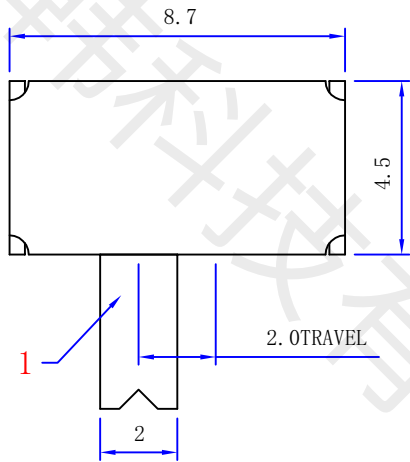
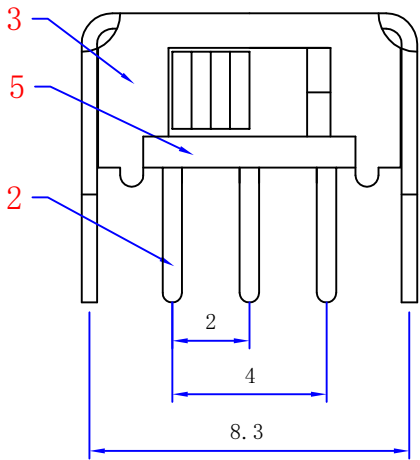
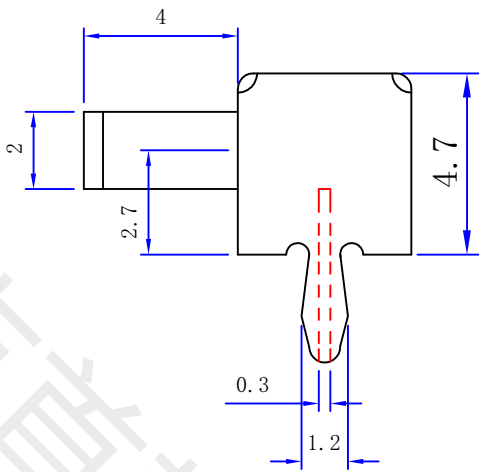
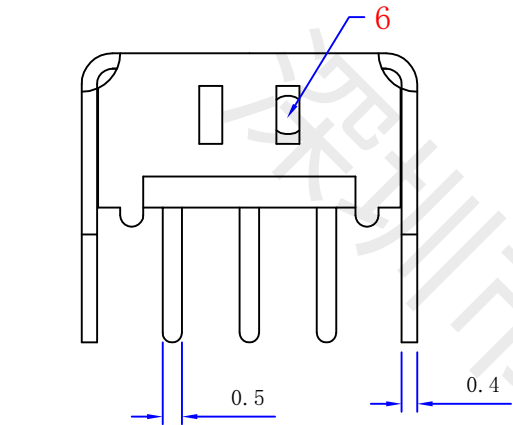
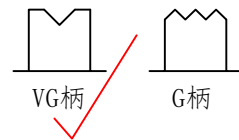
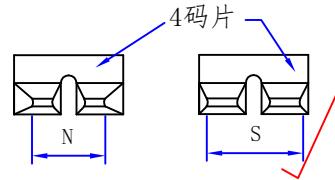
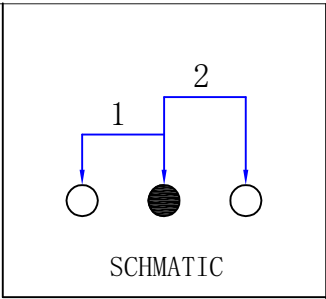
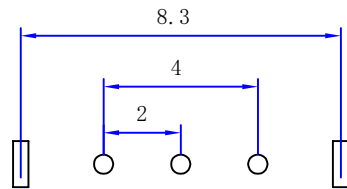




- 电气性能参数:
1. 额定负载: DC50V 0.3A
  2. 接触电阻: 100毫欧以下
  3. 绝缘电阻: 100兆欧以上
  4. 耐压: AC 500V
  5. 力度: 250±100gf
  6. 寿命: 10000次



L2-8



深圳市首韩科技有限公司

类别：拨动开关

型号：SK12D07VG4-BF-T

|        |    |     |     |            |            |                  |
|--------|----|-----|-----|------------|------------|------------------|
| 单位：MM  | 绘图 | 李春风 | 日期  | 2017-12-20 | 除非另有说明     |                  |
| 比例：1:1 | 审核 | 钟华华 | 日期  | 2017-12-20 | 公差：        | ±0.2             |
| 版本     | 01 | 核准  | 罗孝金 | 日期         | 2017-12-20 | ANGLE TOL 0° 30' |

|     |      |       |    |      |
|-----|------|-------|----|------|
| 6   | 弹片   | 磷铜带   | 1  | 原色   |
| 5   | 底板   | 冷冲板   | 1  | 原色   |
| 4   | 码片   | 磷铜带   | 1  | 镀银   |
| 3   | 铁壳   | 冷轧钢带  | 1  | 镀镍   |
| 2   | 端子脚  | 黄铜带   | 3  | 镀银   |
| 1   | 胶柄   | POM达钢 | 1  | 黑色   |
| NO. | 物料组成 | 材质    | 数量 | 表面处理 |



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: SK12D07VG4-BF-T

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

2017年12月20日

## SPECIFICATION 规格书

第2版

1of2

产品名称: 拨动开关

产品型号: SK12D07VG4-BF-T

### 1: GENERAL SPECIFICATION 基本事项

1.1 RATING (额定值): DC 50V 300mA

1.2 PRACTICAL TEMPERATURE RANGE:  $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$ .  
使用温度范围: 在 $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$ 温度内使用.

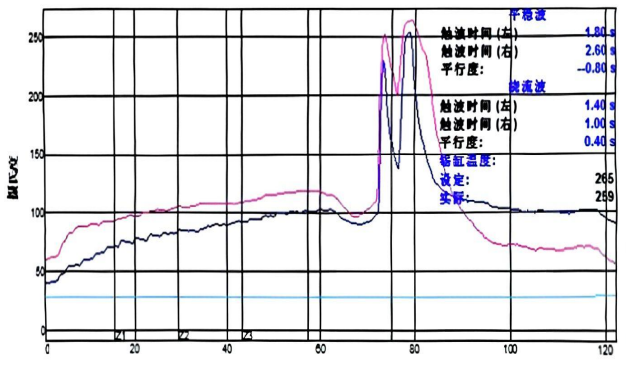
1.3 STANDARD ATMOSPHERIC CONDITIONS :  
UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS:  
(1) AMBIENT TEMPERATURE :  $5^{\circ}\text{C}$  TO  $35^{\circ}\text{C}$ ;  
(2) RELATIVE HUMIDITY : 45% TO 85%;  
(3) AIR PRESSURE : 86Kpa TO 106Kpa.  
测试标准状态: 在没有指定的情况下测试温度, 湿度, 气压如下:  
(1) 温度为 $5^{\circ}\text{C} \sim 35^{\circ}\text{C}$ ; (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 接触电阻    | MEASURED AT 1KHz SMALL CURRENT(100 mA OR LESS) 在1KHz微小电流(100mA 以下)测试.                                                                                                                                                                              | 100m $\Omega$ MAX.<br>100毫欧以下.                                |
| 2.2 INSULATION RESISTANCE 绝缘电阻 | APPLY A VOLTAGE OF 500V DC FOR 1 MIN.<br>THE FOLLOWING CONTACT TEST METHOD:<br>(1) BETWEEN BODY AND CONDUCTOR.<br>(2) BETWEEN CONDUCTORS NOT TO BE CONTACT.<br>输入500V 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 $\Omega$ MIN.<br>100兆欧以上.                                |
| 2.3 ELECTRIC STRENGTH 耐电压      | AC 500V(50-60Hz) FOR 1 MIN TRIP CURRENT: 0.5mA<br>THE FOLLOWING CONTACT 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,<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 PARTS ARCING OR BREAKDOWN ETC.<br>没有绝缘破坏等异常 |

### 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 动作力    | LATERAL PUSH (侧向推动)                                                                                                                                                                                                                | PUSH FORCE (按压力度)<br>: 250gf $\pm$ 100gf                                                                               |
| 3.2 TRAVEL TO CLOSURE 动作行程 | IN THE HORIZONTAL DIRECTION SWITCH HANDLE OPERATION, WITH AN EQUAL TO 2 TIMES THE THRUST OF THE SWITCH FROM 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. | 2mm $\pm$ 0.2mm                                                                                                        |
| 3.3 STEM STRENGTH 操作部(柄)强度 | AND ALONG THE RUNNING DIRECTION AT APEX HANDLE(500gf)<br>ON THE STRENGTH 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.                                                                                            | THERE SHALL BE NO DAMAGE ON APPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED 外观无异常, 满足于机械, 电气性能 |

|                                                                                             |                              |                                                                                                                                                                                                                                                        |                                                                                                                         |
|---------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  深圳市首韩科技有限公司 |                              | 文件编号<br>发布日期                                                                                                                                                                                                                                           | 2017年12月20日                                                                                                             |
| SPECIFICATION 规格书                                                                           |                              | 第2版                                                                                                                                                                                                                                                    | 2of2                                                                                                                    |
| 产品名称：拨动开关                                                                                   |                              | 产品型号：SK12D07VG4-BF-T                                                                                                                                                                                                                                   |                                                                                                                         |
| 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次<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 ONAPPEARANCE 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 MAINTAINEDAT 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><br>WAVE-SOLDERING波峰焊：<br>250℃MAX. , 6 sec Max<br><br> | THERE SHALL BE NO DAMAGE ONAPPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED<br>外观无异常，满足于机械， 电气性能 |