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承 认 书
SPECIFICATION FOR APPROVAL

客 户 Customer:

产品名称 Project:

拨动开关

规格型号 Part No:

SK13D07VG4

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 | 张栋 | |
| 批准/Approved | 罗孝金 | |



SPECIFICATION 规格书

产品名称: 拨动开关

产品型号: SK13D07VG4

1: GENERAL SPECIFICATION 基本事项

| | |
|-----|--|
| 1.1 | RATING (额定值): DC 50V 300mA |
| 1.2 | PRACTICAL TEMPERATURE RANGE: -10°C~+50°C. 使用温度范围: 在-10°C~+50°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°C TO 35°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5~35°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. | 50mΩ MAX. 50毫欧以下. |
| 2.2 | INSULATION RESISTANCE 绝缘电阻 APPLY A VOLTAGE OF 500V DC FOR 1 MIN. THE FOLLOWING CONTACT TEST METHOD: (1) BETWEEN BODY AND CONDUCTOR. (2) BETWEEN CONDUCTORS NOT TO BE CONTACT. 输入500V DC电压1分钟, 按以下接触方法测试: (1) 接触端子之间. (2) 胶座体和排脚之间. | 100MΩ MIN. 100兆欧以上. |
| 2.3 | ELECTRIC STRENGTH 耐电压 AC 250V (50-60Hz) FOR 1 MIN TRIP CURRENT: 0.5mA THE FOLLOWING CONTACT TEST METHOD: (1) BETWEEN TERMINALS. (2) BETWEEN INDIVIDUAL TERMINALS AND FRAME. 输入AC250V (50-60Hz) 电压, 1分钟感度电流为0.5mA, 接触测试方法如下: (1) 接触端子之间. (2) 外壳体和排脚之间. | WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC. 没有绝缘破坏等异常 |

3. MECHANICAL CHARACTERISTICS (机械性能规格):

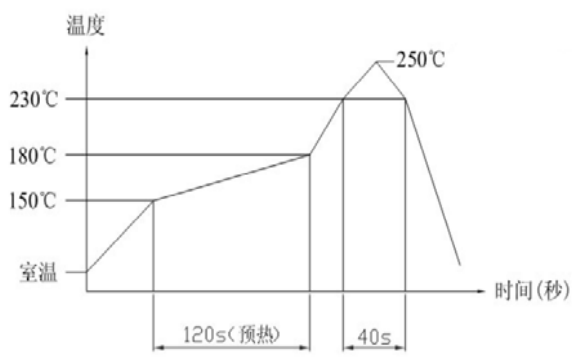
| ITEM 项目 | TEST CONDITIONS 测试条件 | PERFORMANCE (DATA) 规格(数据) |
|---------|---|--|
| 3.1 | OPERATION FORCE 动作力 LATERAL PUSH (侧向推动) | PUSH FORCE (按压力度) : 200gf ± 50gf |
| 3.2 | TRAVEL TO CLOSURE 动作行程 IN THE HORIZONTAL DIRECTION SWITCH HANDLE OPERATION, WITH AN EQUAL TO 2 TIMES THE THRUST OF THE SWITCH FROM ONE POSITION TO THE NEXT GEAR, MOVING DISTANCE MEASURING HANDLE. 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 ± 0.2mm |
| 3.3 | STEM STRENGTH 操作部(柄)强度 AND ALONG THE RUNNING DIRECTION AT APEX HANDLE (500gf) ON THE STRENGTH TEST, TIME IS 30 SECONDS. 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 |



产品名称: 拨动开关

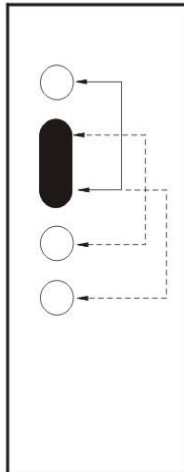
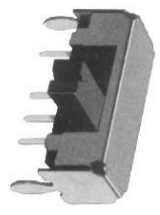
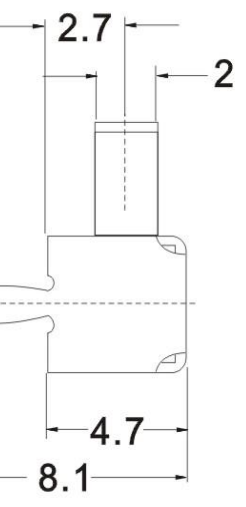
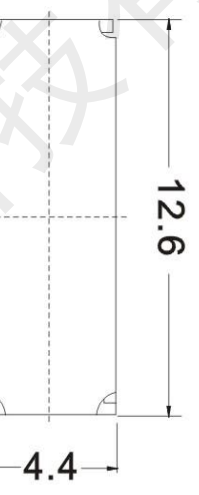
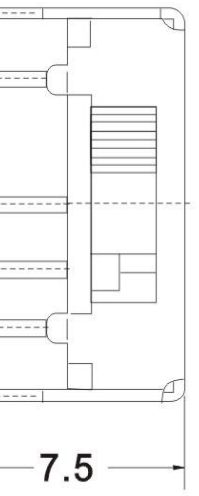
产品型号: SK13D07VG4

4. DURABILITY(耐久性) :

| ITEM 项目 | | TEST CONDITIONS 测试条件 | PERFORMANCE (DATA) 规格(数据) |
|---------|------------------------------|---|--|
| 4.1 | LIFE TEST 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. 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. 2) LIFETIME: 5000次 1) 接触电阻不超于500mΩ. 2) 寿命: 5000次 |
| 4.2 | HEAT TEST 耐热实验 | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 85±2°C FOR 96 HOURS. AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在温度85±2°C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 外观无异常, 满足于机械, 电气性能 |
| 4.3 | COLD TEST 耐冷实验 | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF-25±3°C FOR 96 HOURS. AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在温度-25±3°C中96小时后, 再放置正常室温 中1小时后测定. | |
| 4.4 | HUMIDITY TEST 潮湿实验 | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 40±2°C 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. 放置在40±2°C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 焊锡条件 | HAND SOLDERING 手焊: 1) DIVCE 工具: SOLDER IRON 电烙铁. A. 350°C MAX. , 2 sec Max B. 270°C MAX. , 4 sec Max 2) REFLOW SOLDERING 回流焊: ≤250°C  | THERE SHALL BE NO DAMAGE ONAPPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED 外观无异常, 满足于机械, 电气性能 |



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