



浙江键富电子有限公司

ZHEJIANG JIANFU ELECTRONICS CO.,LTD

文件编号

SP-2013091201

发布日期

2013 年 9 月 12 日

SPECIFICATION 规格书

第 B 版

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MODEL NO. 产品名称: SS-12D00-G5

Drawn 制订

Approved 审批

1. Rating (额定值) : DC 50V 0.5A

2. Function (接触型式) : 1P2T

3. Timing (时间特性) : Non-Shorting

4. Electrical Characteristics (电气性能规格) :

Item 项目		Test Condition 测试条件	Performance 规格
4.1	Contact Resistance 接触电阻	Measured at 1KHz small current (100mA or less). 在1KHz微小电流 (100mA 以下) 测试	30mΩ Max 30毫欧以下
4.2	Insulation Resistance 绝缘电阻	Apply a voltage of 100V DC shall be applied for 1 Min after which measurement be made: (1) Between terminals (2) Between individual terminals and frame 输入500V DC 电压1 分钟, 按以下接触方法测试: (1) 排脚相互之间电压 (2) 排脚与外壳之间	100MΩ Min 100兆欧以上
4.3	Dielectric Strength 耐电压	AC 500V (50Hz-60Hz)for 1 Min trip current: 0.5mA (1) Between terminals (2) Between individual terminals and frame 输入AC 500V (50-60Hz) 电压, 1分钟感度电流為0.5mA, 按以下接触方法测试: (1) 排脚相互之间电压 (2) 排脚与外壳之间	Without damage to parts arcing or breakdown, ECT 没有绝缘破坏等异常.



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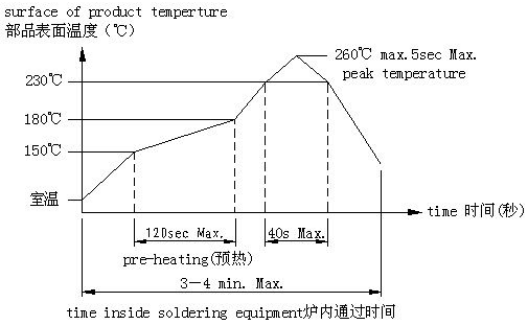
5. Mechanical Characteristics (机械性能规格) :

Item 项目		Test Condition 测试条件	Performance 规格
5.1	Operating Force 拨动力	Measurement shall be made at the nearest point of the component or at the point 3mm form the tip of the actuator (KNOB) 在距离胶柄前端3mm做测定点	180 ± 50 gf
5.2	Terminal Strength 端子强度	A Static load of 300gf shall be applied to the terminal for 15 Sec any direction 在排脚前端任意一个方向加300gf 力度测试,时间为15秒	Mechanical and electrical characteristics shall be satisfied without damage or excessive looseness of actuator 在端子中沒有裂开、松动等异常,满足于机械、电器性能
5.3	Displacement of Actuator (KNOB) 推柄强度	A Static load of 10N (1Kgf) shall be applied to the top of the actuator (KNOD) and then displacement shall be measured to the direction of the arrow 在柄的前端施加1Kgf 的力度, 位移应沿印记的方向上测定	The lever shall have no serious deformation and function is normally 柄部无严重变形, 可以正常工作
5.4	Practical Temperature Range 使用温度范围	-16°C~+60°C 在-16°C~+60°C温度内使用	

6. Endurance Characteristics (耐久性) :

Item 项目		Test Condition 测试条件	Performance 规格
6.1	Life Test 寿命试验	Without Load : An actuator shall be subject to 10,000 cycles at a speed of 15 to 18 cycles for 1 Min. 无负荷: 操作者以每分钟15-18回的频率作10,000回之无负荷测试.	(1)Contact resistance shall be 100 MΩ Max (2)Mechanical and electrical characteristics shall be satisfied (1)接触电阻不能超于 100 MΩ (2)其他满足于机械、电器性能



6.2	Heat Test 耐热试验	The switch shall be stored at a temperature of 70 ± 2°C for 48 hours then the switch shall be maintained at standard atmospheric conditions for 1 hour after which measurement shall be made 放置在温度70±2°C中测试48小时后,再放置正常室温中1小时来测定	There shall be no deformation or cracks in molded part 外观无异常,满足于机械,电器性能
6.3	Cold Test 耐冷试验	The switch shall be stored at a temperature of -20 ± 3°C for 48 hours then the switch shall be maintained at standard atmospheric condition for 1 hour after which measurement shall be made 放置在温度-25±3°C中48小时后,再放置常温常湿中1小时来进行测试	
6.4	Humidity Test 耐湿试验	The switch shall be stored at a temperature of 40 ± 2°C and a humidity of 90% to 95% for 96 hours, then the switch shall be maintained at standard atmospheric condition for 1 hour after which measurement shall be made 放置40±2°C的相对湿度为90%~95%环境中96小时后,再将样版放在正常环境1小时后进行测试	There shall be no deformation or cracks in molded part 外观无异常,满足于机械,电器性能
6.5	Salt Test 盐雾试验	(1)Density(浓度): 溶液(5±1)% NaCl (质量百分比) (2)Temperature: 35±2°C 温度 (3) Time: 48 hours 时间	金属件无发黄、生锈
6.6	Practical Soldering Condition 焊锡条件	(1) Hand soldering 手焊: Device: solder iron 工具: 烙铁 230°C Max.3sec.Max (2) Reflow soldering 回流焊 260°C Max. 5sec.Max  surface of product temperature 部品表面温度(°C) time inside soldering equipment 炉内通过时间	There shall be no damage on appearance 外观无异常,满足于机械,电器性能 mechanical and electrical characteristics shall be satisfied