

继电器产品承认书

SPECIFICATION FOR APPROVAL

客户名称 Customer name: _____
产品名称 Product Description: 信号继电器 Relay _____
供方型号 Supplier Part No.: SSZ6-SS-112L _____
客户料号 Customer Material Code: _____
客户型号 Customer Part No.: _____
版 本 REV: _____
日 期 Date: 2019-11-27 _____

供应 厂商	制定	审核	批准
	苗建峰	饶云飞	饶云飞
客户 确认	开发/工程 审核	品质部 审核	批准

一、基本特性 Basic characteristics

1、线圈参数 Coil specification

- | | |
|--------------------------------|---|
| (1) 额定电压 Nominal voltage | DC12V |
| (2) 线圈阻抗 Coil resistance | 720 Ω \pm 10% (at 23 \pm 5 $^{\circ}$ C) |
| (3) 额定电流 Rated current | DC16.67mA \pm 10% (at 23 \pm 5 $^{\circ}$ C) |
| (4) 动作电压 Operate voltage | DC9V Max ((at 23 \pm 5 $^{\circ}$ C) |
| (5) 释放电压 Release voltage | DC 0.6V Min ((at 23 \pm 5 $^{\circ}$ C) |
| (6) 最大电压 Maximum voltage | DC 15.6V(130% of nominal voltage) |
| (7) 线圈温升 Coil temperature rise | 45K Max (Coil:12V) |

2、触点参数 Contact Specification

- | | |
|--|---|
| (1) 触点型式 Contact configuration | SPST-NO (1 Form C)--单刀单掷 (一组转换) |
| (2) 触点额定负载 Contact rating | 1A 250VAC/; 3A 125VAC/24VDC (Resistive load) |
| (3) 接触电阻 Contact resistance | Initial (初始值) 100 m Ω Max (At DC6V 1A) |
| (4) 动作时间 Operate time | 10ms Max |
| (5) 释放时间 Release time | 8ms Max |
| (6) 最大动作频率 Maximum operating frequency | Mechanically 10800 cycle/h (机械)
Electrically 1800 cycle/h (电气) |
| (7) 触点温升 Contact temperature rise | 50K Max (Coil:12V;Contact:0.5A) |

3、通用参数 General Specification

- | | |
|----------------------------------|--|
| (1) 绝缘阻抗 Insulation resistance | 1000M Ω Min (at DC500V) |
| (2) 电气强度 Dielectric strength | |
| 触点间 between open contacts | 500VAC,50/60 HZ for 1Minute |
| 线圈与触点间 between contacts and coil | 750VAC,50/60 HZ for 1 Minute |
| (3) 环境温度 Ambient temperature | -30 $^{\circ}$ C \sim +70 $^{\circ}$ C (不冷凝)
(Not freezing and condensing at low temperature) |
| (4) 相对湿度 Relative Humidity | 45% to 85% RH |
| (5) 电气寿命 Electrical life | 100,000 Operations Min (at 0.5A 125VAC/1A30VDC) |
| (6) 机械寿命 Mechanical life | 10,000,000 operations Min |

二、环境参数 Environmental Characteristics

1、抗振动性 Vibration resistance

1.1 误动作 Error operation

在 X、Y、Z 轴三个方向施加双振幅为 1.5mm，频率为 10-55HZ 的振动，时间 5 分钟，误动作时间不超过 1ms。

At constant vibration of double amplitude 1.5mm, 10 \sim 55 HZ , in each direction of X,Y,Z for 5 minutes. No error operation more than 1 ms.

1.2 耐久性 Endurance

在三个方向施加振动 2 小时，无结构损坏。

No construction trouble when vibrate it from 3 directions for 2 hours.(Amplitude 1.5mm, 10 \sim 55 HZ)

2、抗冲击性 Shock resistance

2.1 误动作 Error operation

在三个方向施加三次加速度为 100m/s² 持续时间 11ms，误动作不超过 1ms。

At peak acceleration 100m/s² duration 11ms, 3 shocks is given in each direction of X, Y, Z. No error operation more than 1 ms.

2.2 耐久性 Endurance

三个方向三次加速度为 500m/s^2 持续时间 6ms, 无结构损坏。

No construction trouble when shock it from 3 directions 3 times at peak acceleration 500m/s^2 duration 6ms.

三、端子性能 Terminal characteristics

1、端子强度 Terminal strength

在端子上施加 1N 压力 10 秒钟, 无变形现象。

1N pushed into any terminals for 10 s. There shall be no abnormalities.

(The curving of the terminals shall be acceptable)

2、端子可焊性 Terminal solderability

端子浸入 $260 \pm 5^\circ\text{C}$ 焊锡槽中, 时间 $5 \pm 0.5\text{ s}$, 90% 部位应该上锡。

In case of lead free solder $260 \pm 5^\circ\text{C}$, $5 \pm 0.5\text{ s}$, 90% of the dipped portion shall be soldered.

3、耐焊接热 Soldering thermal

端子浸入 $260 \pm 5^\circ\text{C}$ 焊锡槽中, 时间 $10 \pm 1\text{ s}$, 结构和性能无异常。

No any trouble on construction or characteristic. When dipped into solder bath $260 \pm 5^\circ\text{C}$, $10 \pm 1\text{ s}$.

四、标准测试条件 Standard test condition

1、环境温度 Ambient temperature

$23 \pm 5^\circ\text{C}$

2、相对湿度 Relative humidity

25%~75%

3、气压 Air pressure

86kPa~106kPa

4、测试位置 Direction of Test

端子朝下位置 Terminals down position

五、储存条件 Storage condition

1、环境温度 Ambient temperature

$-30^\circ\text{C} \sim +55^\circ\text{C}$

3、环境 Environment

3.1、不要储存在诸如硫化氢和盐雾气体等有腐蚀性的环境中。

Store in locations where the product or container is not expose to corrosive gas such as hydrogen sulfide or salty air.

3.2、储存在没有可视尘埃的环境中。

Store in locations where no visible dust exists.

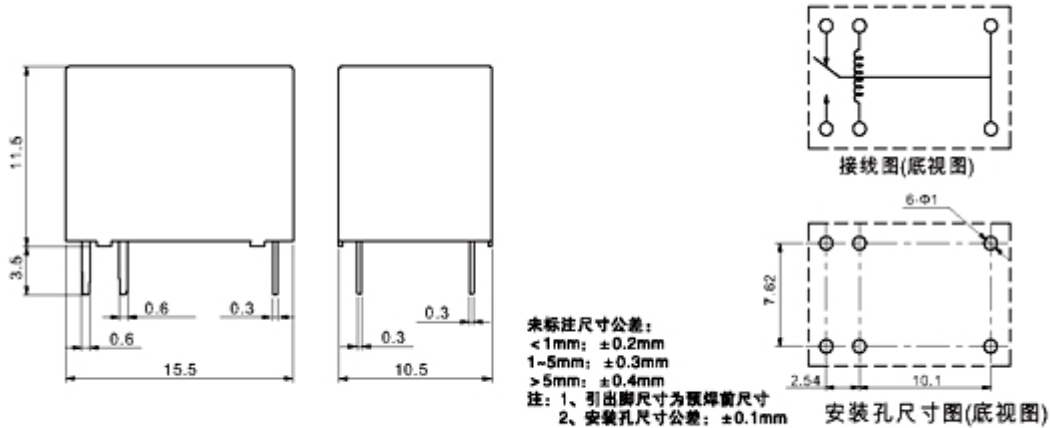
3.3、储存在没有直射阳光的环境中。

Store in locations not subject to direct sunlight.

六、外型图、线路板孔位图和线路图 Outline、PCB Layout and Wiring diagram(unit:mm)

外形尺寸, 接线, 安装孔位图 (单位 mm)

外形尺寸、接线、安装孔位图(单位 : mm)



七、命名规则 Encoding Information

SSZ6—XX — X XX X X X

1 2 3 4 5 6

产品型号 Product type: SSZ6

- 封装方式 Enclosure
SS—Flux-tight 防焊剂型
- 触点组数 Contact Pole
1—1 pole
- 线圈额定电压 Coil Nominal Voltage
03-3VDC 05—5VDC 06-6VDC 09-9VDC 12—12VDC 24—24VDC
- 线圈额定功率和触点负载 Coil Nominal Power and contact rating
H—Standard coil power 0.45W;
D—Standard coil power 0.36W;
L—Sensitive coil power 0.2W;
- 触点型式 Contact arrangement
Blank—1 Form C M—1 Form A B—1 Form B
- 特殊代码 Special code(not necessary to be shown on product)
无-标准型