



# 东一部品仕样承认书

## APPROVAL SHEET

客 户 CUSTOMER	权 智
客户产品编码/规格 PRODUCT SPECIFICATION	
品 名 PART NAME	SLIDE SWITCH
型 号 MODEL	SS-1290
制 样 DSGD BY	叶玉兰
审 核 CHKD BY	富 胜
担 当 APPD BY	富 胜
送 样 印 SENDING PRINT	日期：2007-07-07
承 认 印 APPD PRINT	

深 圳 市 东 一 部 品 电 子 有 限 公 司

TONE PARTS ELECTRONICS CO.,LTD

ADD：深圳市龙岗区坪地镇黄竹工业区

HUANGZHU INDUSTRIAL PARK PINGDI TOWN

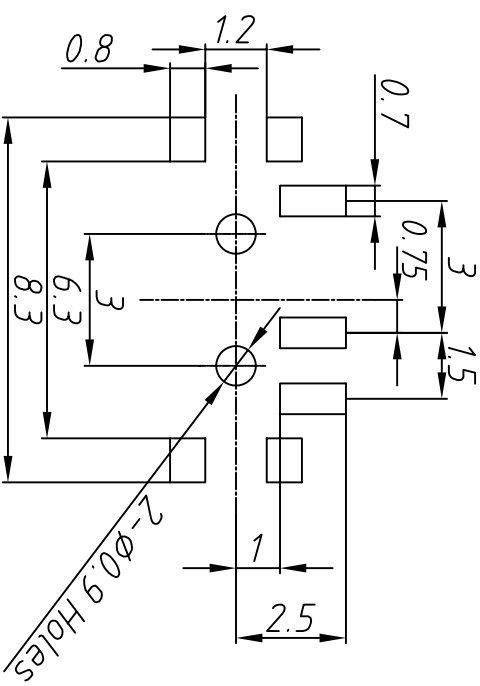
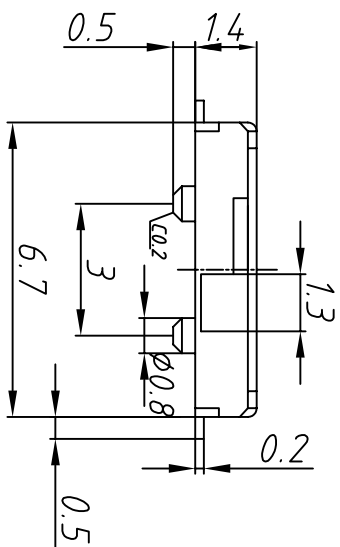
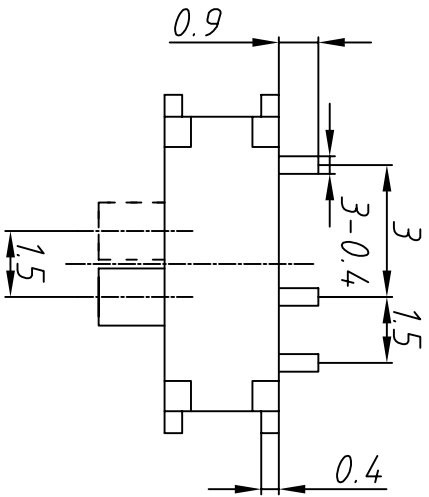
LONGGANG AREA SHENZHEN CITY CHINA

TEL：0755-84091585 84090865

FAX：0755-84090796

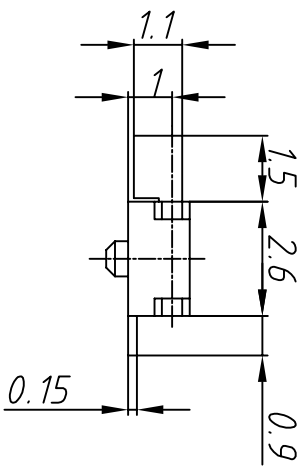
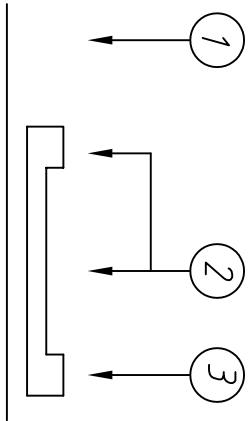
HTTP：[//www.e-hanxing.com](http://www.e-hanxing.com)

E-mail:[root@e-hanxing.com](mailto:root@e-hanxing.com)



P.C.B Land Pattern

Circuit Diagram



*Common Specifications*

- 1. Rating: DC4V, 0.3A
- 2. Contact Resistance: 70mΩ MAX
- 3. Operating life: 10,000 Cycles
- 4. Operating Force: 130±30gf
- 5. KNOB THICKNESS: 1.1
- 6. LEVEL DEGREE: THE TERMINALS AND PCB PLANK CLEFT SMALLER 0.02MM

NO.	DESCRIPTION	QTY	MATERIAL	PLATING
5	COVER	1	SUS301 T=0.2	Ag (0.5 Micron)
4	CURVE PIECE	1	SUS301 T=0.2	
3	TERMINAL	3	Ti-Cu T=0.15	Ag (0.5 Micron)
2	STEM	1	PA6T	
1	CASE	1	PA6T	

UNIT:MM	TYPE:	MODEL NO:	PAPER NO: A4	PAGE 1 OF 1
	SLIDE TACT	SS -1290	TOLERANCE ±0.15	ANGLES ±1.5°
DESIGNER BY: FUSHENG 07/07/31	CHECK BY: FUSHENG 07/07/31	APPROVED BY: LIQIANG 07/07/31		

	SPECIFICATION LIST	SAMPLE 1 EA
	SLIDE SWITCH	

1. TEST CONDITIONS.

The standard test conditions shall be 5-35 in temperature and 45-85%RH.

In case of ascertain any doubtful points in judgement, test shall be done in the reference of 20±2 in temperature and 65±5% RH

2. RATING: As per individual specification.

3. ELECTRICAL PERFORMANCE.

3.1 Contact resistance :70m MAX.

3.2 Insulation resistance :100M Min at 100V DC.

Being measured with an insulation measuring device of 100V DC between the terminal and the frame for 1 minute ± 5sec.

3.3 Withstand voltage :100V AC (50-60Hz) being applied between all the adjacent terminals and between the terminal and the frame for 1 minute.No dielectric breakdown shall occur.

4. MECHANICAL PERFORMANCE.

4.1 Operating mode :As per individual specification.

4.2 Terminal strength :A static force of 500gf being applied in one direction the tip of terminal for 1 minute.

The terminal may be deformed, but shall not sustain any trouble as deviation and breaking of terminal and breaking of insulation material.

4.3 Knob strength :A static force of 1Kgf shall be applied in the direction of operation of operation (stopper – side) for 15 seconds. The deformation shall not be extreme and the lever shall mechanically work normally.

4.4 Frame calling strength :A static force of 1Kgf shall be applied in the direction of vertical gravity one the tip of the knob for 15 seconds. Shall not sustain any trouble as deviation and breaking of knob, and breaking of insulation material.

4.5 Solderability :The test shall be conducted under the following conditions and confirmed after that: Soldering temperature:230±5  
Immersing time : 3±0.5seconds.

More than 75% of the immersed part shall be covered with solder.

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	SPECIFICATILN LIST	SAMPLE	2	EA
	SLIDE SWITCH			

4.6 Solder heat resistance :The test shall be conducted under the following conditions and confirmed after that: Temperature and immersing time.  
Manual soldering :350±10 ,3±0.5 sec .  
Automatic soldering :240±5 ,5±0.5 sec.  
The Plastic heat proof :270±5 ,15±0.5 sec.  
PEFLOW SOLDERING

5. ENDURANCE PROOF  
5.1 Mechanical operation :10,000 cycles operations at a rate of 15~20 cycle 1 minute load.  
I)Contact resistance :130m MAX DC 6V .0.3A  
ii)Insulation resistance:100M Min.  
iii)Withstand voltage :100V AC, 1 minute ,not breaking insulation  
iv)Operating force :Within+10,-30% of specifications.

6. WEATHER PROOF  
6.1Cold proof : Switch for test being kept in the conditions at -20±2 in temperature for 96 hours, and in a normal ambient condition for one hour ,then to be measured within one hour.  
Electrical performance of the above 3,4 shall be assured.

6.2 Dry heat proof : Switch for test being kept in the conditions at 85±2 in temperature for 96 hours, and in a normal ambient conditions for one hour.  
Electrical performance of the above 3,4 shall be assured.

6.3 Damp heat proof : Switch for test being kept in the condition at 40±2 in temperature and 90 ~ 95%RH for 96 hours, and in a normal ambient condition for 1 hour, then to be measured within one hour.  
Electrical performance of the above 3,4 shall be assur

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# TONEPARTS ELECTRONICS CO.,LTD

## 包装作业规范

### PACKAGING SPECIFIC ATINN

规范编号: SPEC,NO:	TONE-P002
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### 包装材料 PACKENGMATERALL

材料名称 NAME	材料编号/规格	Q " TY
纸箱	350*350*350	1
下带	SS-1290-007	1
上带	SS-1290-008	1
卷盘	SS-1290-009	1
标识单	/	1

### 包装容量 PACK CAPACITY

产品型号 PRODUCTINO	PCS/REEL	REEL/BOX	PCS/BOX
SS-1290	1R=3000PCS	1 箱=15R	45000PCS

### 重量 WEIGHT

N.W/PCS	N.W/REEL	G.W/BOX
0.0768g/Pcs	2664g/REEL	40.55Kg

Remark:储存及保存期：请置放于阴凉干燥处所，勿直接照射阳光。(温度 25 ± 20 ，相对湿度为 65%RH ± 20%RH) 保质期一年。

REV	Description	This Document Contains Information That Is Proprietary To quan zhi And Should Not Be Used Without Written Permission	
Document No:	Prepared By: FANG TONG	Date: 07.25'2007	
	Checked By: ZHANG YUN	Date: 07.25'2007	
	Approved By: FU SHENG	Date: 07.25'2007	