



东一部品仕样承认书

APPROVAL SHEET

客 户 CUSTOMER	
客户产品编码/规格 PRODUCT SPECIFICATION	
品 名 PART NAME	自锁开关
型 号 MODEL	PS-4284
制 样 DSGD BY	叶玉兰
审 核 CHKD BY	富 胜
担 当 APPD BY	富 胜
送 样 日期 SENDING DATE	日期:
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

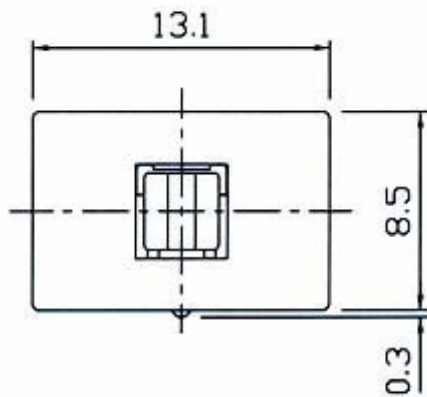
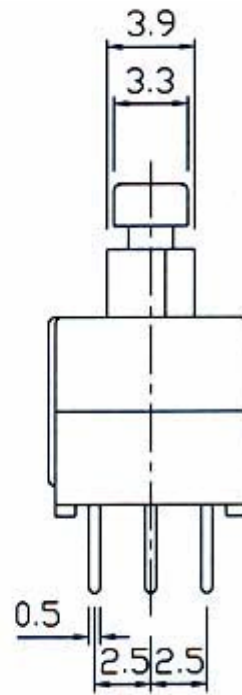
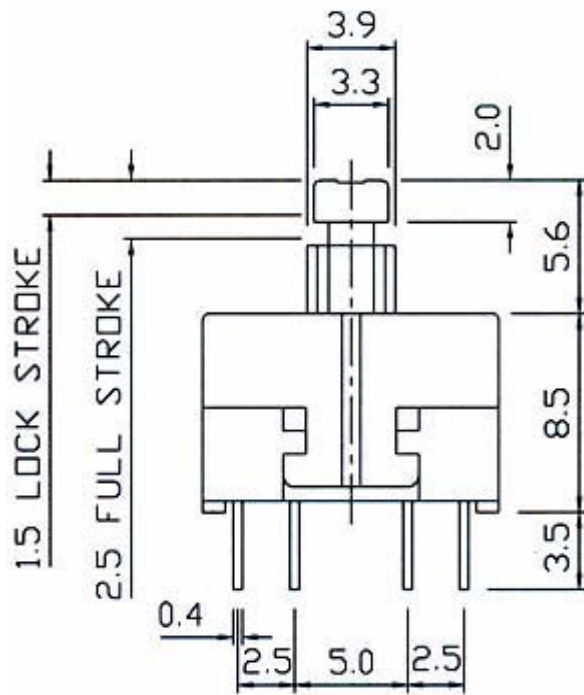
LONGGANG AREA SHENZHEN CITY CHINA

TEL: 0755-84091585 84090865

FAX: 0755-84090796

HTTP: //www.e-hanxing.com

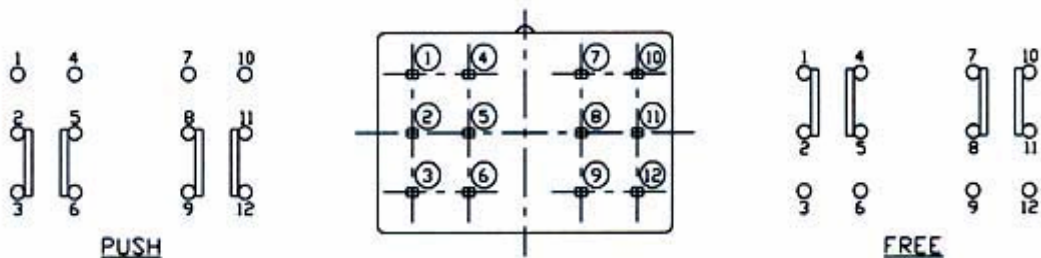
E-mail:root@e-hanxing.com



* NOTES

1. RATING : 30V DC , 0.1A
2. CIRCUIT : 2C - 2P
3. TIMING : NON SHORTING
4. OPERATING MODE : Self - Lock
Non - Lock
5. STROKE : Full 2.5mm
Lock 1.5mm
6. OPERATING FORCE : 200 ± 80gf

CIRCUIT DIAGRAM



公差: 0~4: ±0.1; 4~16: ±0.15; 16~64: ±0.25mm

自锁开关
PUSH SWITCH

型号 PS-4284

图号

标记	处数	更改文号	签名	日期	数量	质量	比例	4:01
----	----	------	----	----	----	----	----	------

设计/日期 李建强 2004.9.1

校对/日期 李建强 2004.9.1 审核/日期 张云 2004.9.1

工艺/日期 李建强 2004.9.1 批准/日期 富胜 2004.9.1

东一部品电子有限公司
TONE PARTS ELECTRONICS CO., LTD

	INSPECTION LIST	
	PUSH SWITCH	SAMPLE: 1 EA

1. MECHANICAL PERFORMANCE

- 1.1 Operating mode : As per individual specification.
- 1.2 Operating force : As per individual specification.
- 1.3 Terminal strength : A static load of 500gf is applied on the tip of terminal in on arbitrary direction for 1 minute. shall be free from falling off or breakage of terminal and breakage of substrate as well. The electrical performance requirements specified shall be met.
- 1.4 Lever deviation : A static load of 100gf is applied on the tip of the operating part, and measurement is made of the maximum deviation.
Max:1m/m
- 1.5 Solderbility : Solder temperature: $250 \pm 5^{\circ}\text{C}$
Dip time: $3 \pm 0.5\text{sec}$
Over 90% of the immersed part shall be cover with solder.

2. ELECTRICAL PERFORMANCE

- 2.1 Rating : 30V. 0.5A DC
- 2.2 Timing : As per individual specification.
- 2.3 Contact resistance : $100\text{m}\Omega$ max.
- 2.4 Insulation resistance: $100\text{M}\Omega$ min at 500V DC
500V DC is applied between terminals and between terminal and case for 1 minute ± 5 seconds.
- 2.5 Withstand voltage: 500V AC (50-60Hz) is applied between terminals and between terminal and case for 1 minute. shall be free from dielectric breakdown.

3. ENDURANCE PROOF

3.1 Mechanical operation

- With no load applied, 10,000 cycle continuous operations (15-20 Cycles per minute) are performed.
- i) Contact resistance : $100\text{m}\Omega$ max.
 - ii) Insulation resistance: $100\text{M}\Omega$ min.
 - iii) Withstand voltage : 250V AC 1 minute
 - iv) Operating force : Within +10% of specified. value.

4. WEATHER PROOF

- 4.1 Cold proof: After testing at $-20 \pm 3^{\circ}\text{C} \pm$ for 48 ± 5 hours, the sample is allowed to under normal temperature and humidity conditions for 1 hour after that.

						APPD	CHKD	DSGD	TITLE
						FUSHENG	YUNZHAN	QIANGQI	PS2266
							G	NG LI	DOCUMENT NO.
ZONE	SYMB	DATE	APPD	CHKD	DSGD				PUSH-1

INSPECTION LIST						SAMPLE: 2 EA				
PUSH SWITCH										
<p>4.2 Dry heat proof : After testing at $80\pm 2^{\circ}\text{C}$ for 48 ± 5hours, the sample is allowed To stand under normal temperature and humidity conditions for, and measurement is performed within 1 hour after that, Electrical performance of the above 4.4 shall be assured.</p> <p>4.3 Damp heat proof: After testing at $40\pm 2^{\circ}\text{C}$ and 90-95% in relative humidity for 96 hour, the sample is allowed to stand under normal temperature And humidity conditions for 1 hour after that water drops should be wiped off. Electrical performance of the above 4.4 shall be assured.</p> <p>4.4 Performance</p> <p>I)Contact resistance :100mΩ max ii)Insulation resistance :100MΩ min iii)Withstanding voltage : 500V AC 1 minute. iv)operating force : Within+10%-30% of specification</p>										
						APPD	CHKD	DSGD	TTTLE	
						FU	YUN	JIANG	PS2266	
						SHEN	ZHAN	QIANG	DOCUMENT NO.	
ZONE	SYMB	DATE	APPD	CHKD	DSGD	G	G	LI	PUSH-1	