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发行编号: J.SPC.50.05-002

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规格承认书

SPECIFICATION FOR APPROVAL

轻触开关 Tact Switch

产品名称 Description: SMT U Type/ 3.2x4.2 serie H:2.5mm/ 180gf/ Creamy White

产品型号 Part No. : **TVAU10-025B-R**

接受印

ACKNOWLEDGEMENT

兹证明此份材料已经收到。

WE ACKNOWLEDGE RECEIVING THIS DOCUMENT.

MONTH / DAY / YEAR

DATE: / /

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JIANFU

规格承认书			规格书编号 J.SPC.50.05-002	
品 名	3.2X4.2X2.5 U Type	型 号	TVAU10-025B-R	1/10
1.General Specification 基本说明				
1.1 Scope 范围 This specification covers the requirements for single key switches which have no Key top(TACT SWITCHES:MECHANICAL CONTACT).此规范含盖单推柄和无推柄的轻触开关要求				
1.2 Operating Temperature Range 使用温度范围 -40to+85℃(normal humidity, normal press.) 正常湿度，标准压力				
1.3 Storage Temperature Range 保存温度范围 -40 to+85℃(normal humidity, normal press.)				
1.4 Test Conditions 测试条件 Tests and measurements shall be made in the following standard conditions unless otherwise specified: 测试和计量按下列标准条件除非特殊说明 Normal temperature (temperature 5 to 35℃) 标准温度 Normal humidity (relative humidity 45 to 85%) 正常湿气 Normal pressure (pressure 860 to 1060 mbars) 标准压力 In case any question arises from the judgment made, tests shall be conducted in the following conditions: Temperature (20±2℃) 温度 Relative humidity (65±5%) 相对湿度 Pressure (860 to 1060 mbars) 压力				
2. Type Of Actuation 动作类型 Tactile feedback 轻触返回				
3. Contact Arrangement 1 poles 1 throws 接触形式 1 接点 1 回路 (Details of contact arrangement are given in the assembly drawings.) 细接点形式在装配图中				
4. Maximum Ratings DC 12 V 50 mA 最大额定值 DC 1 V 10 μ A 最小额定值				

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品 名

3.2X4.2X2.5 U Type

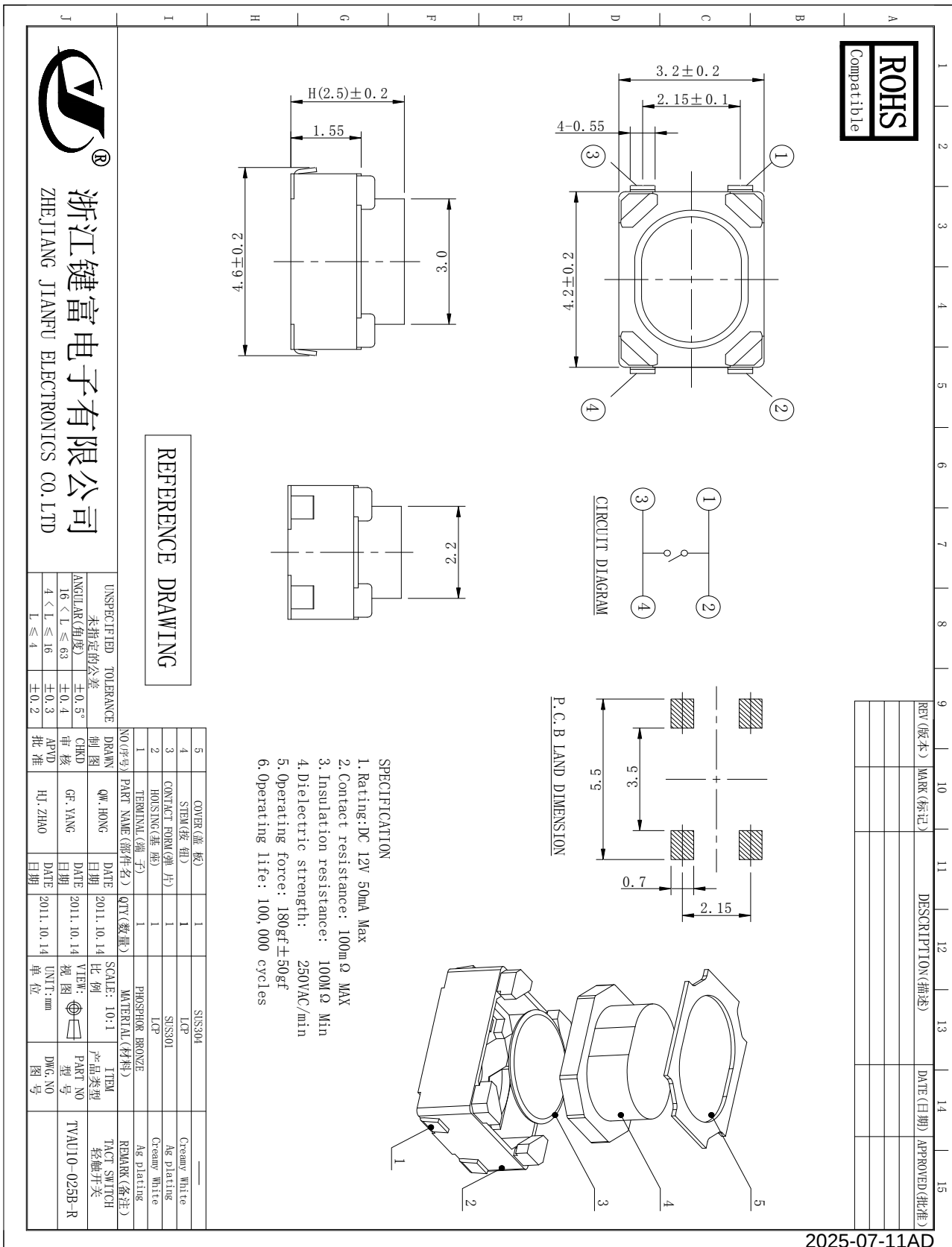
型 号

TVAU10-025B-R

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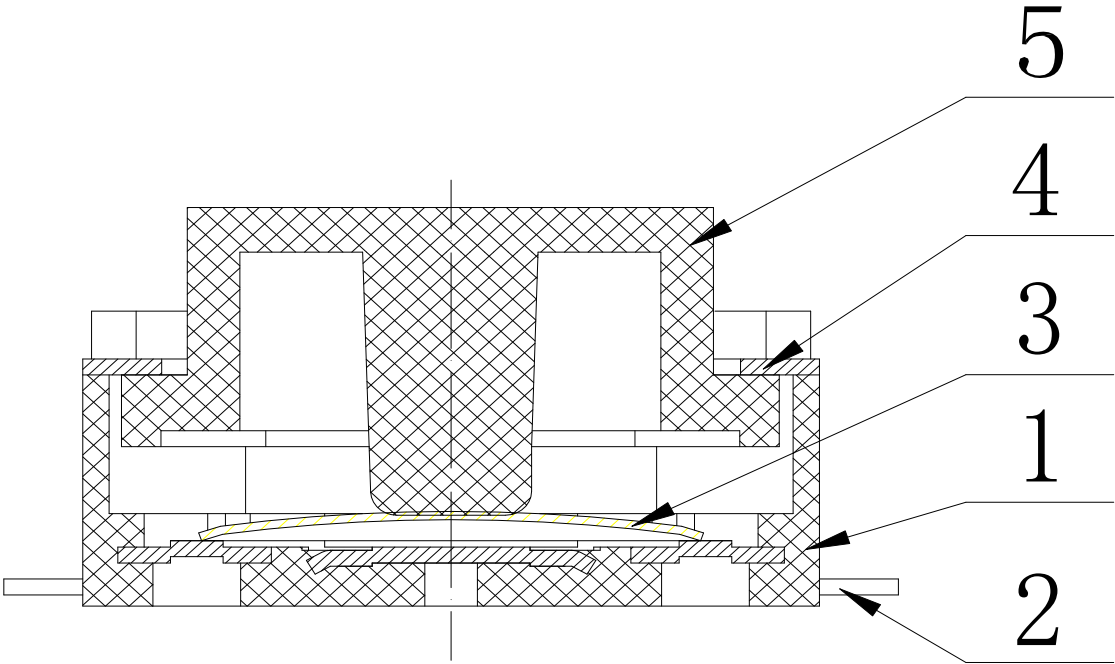
5. 外形、结构:

5.1 外形图



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5.2 构造:

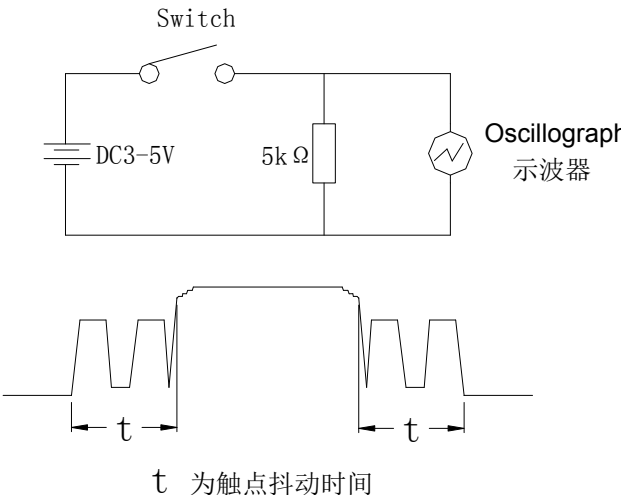


序号	零部件名称	数量	材料名称	表面处理	备注
1	BASE	1	LCP		Creamy White
2	TERMINAL	1	PHOSPHOR BRONZE	Ag plating	
3	CONTACT	1	STAINLESS STEEL	Ag plating	
4	COVER	1	STAINLESS STEEL		
5	STEM	1	LCP		Creamy White
6					
7					
8					

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6. General Specification 性能

6.1 电气的性能

Item 项目		Test Condition 测试条件	Requirements 要求
6.1.1	Contact Resistance 接触电阻	Applying static load twice the actuating force to the center of the stem, measurements shall be made with a 1 kHz small-current contact resistance meter. 用两倍的动作用力作静负载施加于按钮的中心,并用 1 千赫小电流接触电阻仪测量	100mΩ 以下
6.1.2	Insulation Resistance 绝缘电阻	Measurements shall be made following application of DC100V potential between terminals and between individual terminals and frame for one minute.在端子与端子之间,端子与外壳之间施加 DC100V,一分钟	100MΩ 以上
6.1.3	Dielectric withstanding voltage 电气耐压	AC 250 V (50Hz or 60Hz) shall be applied between terminals and between individual terminals and frame for one minute. 在端子与端子之间,端子与外壳之间施加 AC250V(50HZ-60HZ)	There shall be no breakdown. 无击穿、闪烁现象
6.1.4	Bounce 抖动	Lightly striking the center of the stem at a rate encountered in normal use (3 to 4 operations per sec), Bounce shall be tested when “ON” and “OFF”. 在正常使用中(以每秒 3-4 次周期)轻轻地在手柄中心加力,在通与断瞬间测试抖动  t 为触点抖动时间	5mS 以下

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6.2 机械的性能

Item 项目		Test Condition 测试条件	Requirements 要求
6.2.1	Actuating Force 动作力	Place the switch such that the direction of switch operation is vertical and then gradually increase the load applied to the center of the stem, the maximum load required for the stem to come to a stop shall be measured.开关的动作方向为垂直放置开关向推柄中心逐渐地增加负荷直到推柄停止时所测量的最大负荷	<u>180</u> ± <u>50</u> gf
6.2.2	Travel 行程	Place the switch such that the direction of switch operation is vertical and then apply a static load twice the actuating force to the center of the stem, the travel distance for the stem to come to a stop shall be measured. 开关的动作方向为垂直放置开关,并以双倍动作力的静负荷作用推柄中心,测量推柄从开始到停止的行程距离	<u>0.20</u> ± <u>0.10</u> mm
6.2.3	Return Force 返回力	The sample switch is installed such that the direction of switch operation is vertical and, upon depression of the stem in its center the whole travel distance, the force of the stem to return to its free position shall be measured. 开关的动作方向为垂直放置开 ,在已有 程的推柄中心向上减小压力,推柄回到自由位置时所测量到的力	<u>30</u> gf min
6.2.4	Static Strength 静止强度	Placing the switch such that the direction of switch operation is vertical, a static load of <u>3</u> kgf shall be applied in the direction of stem operation for a period of <u>60</u> seconds. 开关的动作方向为垂直放置开关,在推柄动作方向施加 3KG 的静负荷,60 秒时间	There shall be no sign of damage mechanically and electrically. 无机械的和电气的损伤迹象

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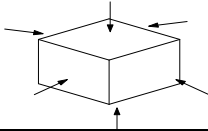
6.3 使用耐久性能

Item 项目		Test Condition 测试条件	Requirements 要求
6.3.1	Operating Life 动作寿命	Measurements shall be made following the test set forth below:按下下列条件进行寿命试验 (1)DC 5V 5mA resistive load. DC 5V 5mA 阻性负载 (2)Rate of operation:2 to 3 operations per second 动作频率:2-3 次/每秒 (3)Depression: <u>270</u> gf 减压力 (4)Cycles of operation: 10×10^4 cycles 动作次数: 10×10^4 次	Contact resistance: <u>200</u> mΩ Max. 接触电阻 Insulation resistance : <u>50</u> MΩ Min. 绝缘电阻 Actuating force: 动作力 + <u>30 %</u> or - <u>30%</u> of initial force. ±30%初始动作力 Item 6.1.3 Item 6.2.2
6.3.2	Moisture Resistance 耐潮湿	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for one hour before measurements are made: 样品按下下列条件进行耐潮湿试验,试验后在正常温度和湿度条件下放置 1 小时后测定 (1) Temperature: $60 \pm 2^\circ\text{C}$ 温度 (2) Relative humidity: 90 to 95% 相对湿度 (3) Time: 96 hours 时间 Water drops shall be removed. 擦除水珠	Contact resistance: <u>200</u> mΩ Max. 接触电阻 Insulation resistance : <u>50</u> MΩ Min. 绝缘电阻 Item 6.1.3、6.1.4 Item 6.2.1~6.2.3
6.3.3	Low Temperature Resistance 耐低温	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for one hour before measurements are made: 样品按下下列条件进行耐低温试验,试验后在正常温度和湿度条件下放置 1 小时后测定 (1)Temperature: $-40 \pm 2^\circ\text{C}$ 温度 (2) Time: 96 hours 时间 Water drops shall be removed. 擦除水珠	Contact resistance: <u>200</u> mΩ Max. 接触电阻 Insulation resistance : <u>50</u> MΩ Min. 绝缘电阻 Item 6.1.3、6.1.4 Item 6.2.1~6.2.3
6.3.4	Heat Resistance 耐热	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for one hour before measurements are made: 样品按下下列条件进行耐热试验,试验后在正常温度和湿度条件下放置 1 小时后测定 (1)Temperature: $85 \pm 2^\circ\text{C}$ 温度 (2) Time: 96hours 时间	Contact resistance: <u>200</u> mΩ Max. 接触电阻 Insulation resistance : <u>50</u> MΩ Min. 绝缘电阻 Item 6.1.3、6.1.4 Item 6.2.1~6.2.3

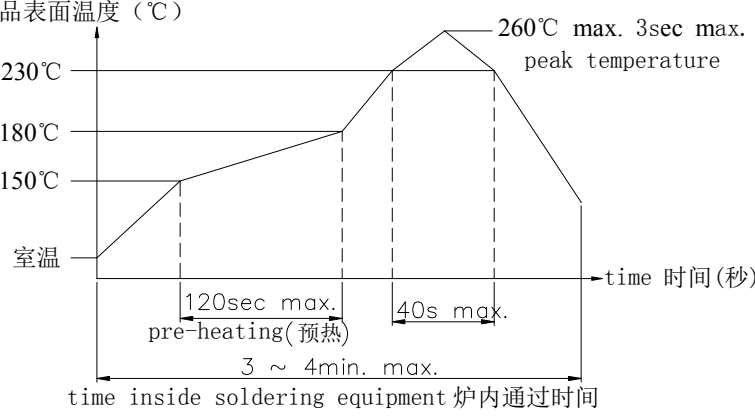
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Item 项目		Test Condition 测试条件	Requirements 要求
6.3.5	Change of Temperature 温度循环	Following ten cycles of high temperature test .The Sample shall be Placed in Normal temperature and humidity Conditions for one hour before measurements are made. During this test, water drops shall be removed. 样品按下列条件进行高低温循环试验,试验后在正常温度和湿度条件下放置 1 小时后测定 温度(℃) 时间(hour) A: $+85\pm 2^{\circ}\text{C}$ B: $-40\pm 2^{\circ}\text{C}$ C: 2 小时 D: 1 小时 E: 2 小时 F: 1 小时 Cycling: Five cycles 周 期: 5 次	Contact resistance: <u>200</u> mΩ Max. 接触电阻 Insulation resistance : <u>50</u> MΩ Min. 绝缘电阻 Item 6.1.3、6.1.4 Item 6. 2.1~6.2.3
6.3.6	Vibration Resistance 耐振动	Measurements shall be made following the test set forth below: 按下列条件进行抗振动试验 (1)Range of oscillation:10 to 55Hz 频率范围 (2)Amplitude,pk-to-pk:1.5 mm 振幅: 峰-峰 1.5mm (3)Cycle of sweep: 10-55-10Hz in one minute, approx.扫描周期: 10-55-10Hz 约一分钟内 (4)Mode of sweep: Logarithmically sweep or uniform sweep. 扫描方式:对数扫描式恒定扫描 (5)Direction of oscillation: 振动方向 Three mutually perpendicular directions, including the direction of stem travel. 3 个相互垂直方向,包括推柄行程方向 (6)2 hours each ,for a total of 6hours.每方向 2 小时. 共 6 小时	Item 6.1 Item 6. 2.1、6.2.2

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Item 项目		Test Condition 测试条件	Requirements 要求
6.3.7	Impact Shock Resistance 抗冲击	Measurements shall be made following the test set forth below: 按下列条件进行冲击试验 (1)Acceleration:80g 加速度 (2)Cycles of test :3 cycles each in 6directions, for a total of 18cycles 试验次数:每个方向 3 次,6 个方向共 18 次 	Item 6.1 Item 6. 2.1、6.2.2

7. 焊接条件:

Item 项目		Recommended conditions 推荐条件
7.1	Hand soldering 手工焊接	Please practice according to bellow conditions: (1)Soldering temperature :$\leq 350^{\circ}\text{C}$ (2)Continuous soldering time:$\leq 3\text{ S}$ (3)Capacity of soldering iron:$\leq 60\text{ W}$ 请按以下条件进行焊接: (1)焊锡温度: $\leq 350^{\circ}\text{C}$ (2)连续焊接时间: $\leq 3\text{ S}$ (3)电烙铁的功率: $\leq 60\text{ W}$
7.2	Automatic flow soldering 自动焊接	For the product of SMT , type solder according to the following conditions 对于 SMT 产品, 请按以下条件进行焊接 surface of product temperature 部品表面温度 ($^{\circ}\text{C}$)  time 时间(秒) time inside soldering equipment 炉内通过时间 Caution: the condition mentioned above is a temperature on the PWB surface on which parts are mounted. There are cases where PWB temperature greatly differs from switch's surface temperature depending on PWB material, size, thickness, etc. The switch's surface temperature shall not allowed to exceed 260°C 注意: 以上提及的条件是零部件上 PWB 表面的温度, 由于 PWB 的材料、尺寸、厚度等不同, PWB 从开关表面获得的温度也会有很大产不同, 因此, 千万小心不要让开关表面温度超过 260°C

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8. Other Precautions 其他注意事项:

- (1) Following the soldering process, do not try to clean the switch with a solvent or the like.
进行焊接过程中，不可以用溶剂或类似品清洗开关
- (2) Safeguard the switch assembly against flux penetration from its topside.
防止助焊剂从开关的顶端渗入
- (3) Please have the products keep in close status and the storage time is 90 days guaranty after delivering the goods at most.
交货后保证开关处于封密状态并库存时间 90 天以下

9. Reel Packaging 盘装

9.1 Scope 范围

This specification covers the requirements of the reel packaging for SMT standard type of tact switches. 该规范包含 SMT 标准型拨动开关的绕带封装的要求

9.2 Packaging Materials 封装材料

Item	项 目	Description	说 明
Package	包 装	Cartons	卡通箱
Reel	转 轴	Delete Cartons	可降解箱
Carrier Tape	载 带	Polypropylene	聚丙烯

9.3 Packaging Quantity 封装数量

- 9.3.1 The number of the reels. 转 轴 数 量
Twenty (20) reels at maximum. Which contain 60K pcs switches
Shall be packed in a package. 一箱装 20 盘,有 60K 只产品
- 9.3.2 The number of the switches. 产品数量
3K pcs switches shall be packed in a reel. 一个转轴包 3K 只产品
- 9.3.3 It should be noted that we regard two cartons 对出口包装需注意用两个箱子包装
mentioned above as on package for export.

Technical drawing of a mechanical part, likely a shaft or axle, showing dimensions and features. The drawing includes a side view and a cross-sectional view labeled 'A-A'.

Side View Dimensions:

- Overall length: 8.0
- Distance from left end to first feature: 3.4
- Distance from left end to second feature: 1.6
- Distance from left end to third feature: 5.5
- Distance from left end to fourth feature: 6.3
- Distance from left end to fifth feature: 7.0
- Distance from left end to sixth feature: 7.7
- Distance from left end to seventh feature: 8.0
- Distance from left end to eighth feature: 8.3
- Distance from left end to ninth feature: 8.6
- Distance from left end to tenth feature: 8.9
- Distance from left end to eleventh feature: 9.2
- Distance from left end to twelfth feature: 9.5
- Distance from left end to thirteenth feature: 9.8
- Distance from left end to fourteenth feature: 10.1
- Distance from left end to fifteenth feature: 10.4
- Distance from left end to sixteenth feature: 10.7
- Distance from left end to seventeenth feature: 11.0
- Distance from left end to eighteenth feature: 11.3
- Distance from left end to nineteenth feature: 11.6
- Distance from left end to twentieth feature: 11.9
- Distance from left end to twenty-first feature: 12.2
- Distance from left end to twenty-second feature: 12.5
- Distance from left end to twenty-third feature: 12.8
- Distance from left end to twenty-fourth feature: 13.1
- Distance from left end to twenty-fifth feature: 13.4
- Distance from left end to twenty-sixth feature: 13.7
- Distance from left end to twenty-seventh feature: 14.0
- Distance from left end to twenty-eighth feature: 14.3
- Distance from left end to twenty-ninth feature: 14.6
- Distance from left end to thirtieth feature: 14.9
- Distance from left end to thirty-first feature: 15.2
- Distance from left end to thirty-second feature: 15.5
- Distance from left end to thirty-third feature: 15.8
- Distance from left end to thirty-fourth feature: 16.1
- Distance from left end to thirty-fifth feature: 16.4
- Distance from left end to thirty-sixth feature: 16.7
- Distance from left end to thirty-seventh feature: 17.0
- Distance from left end to thirty-eighth feature: 17.3
- Distance from left end to thirty-ninth feature: 17.6
- Distance from left end to fortieth feature: 17.9
- Distance from left end to forty-first feature: 18.2
- Distance from left end to forty-second feature: 18.5
- Distance from left end to forty-third feature: 18.8
- Distance from left end to forty-fourth feature: 19.1
- Distance from left end to forty-fifth feature: 19.4
- Distance from left end to forty-sixth feature: 19.7
- Distance from left end to forty-seventh feature: 20.0
- Distance from left end to forty-eighth feature: 20.3
- Distance from left end to forty-ninth feature: 20.6
- Distance from left end to fiftieth feature: 20.9
- Distance from left end to fifty-first feature: 21.2
- Distance from left end to fifty-second feature: 21.5
- Distance from left end to fifty-third feature: 21.8
- Distance from left end to fifty-fourth feature: 22.1
- Distance from left end to fifty-fifth feature: 22.4
- Distance from left end to fifty-sixth feature: 22.7
- Distance from left end to fifty-seventh feature: 23.0
- Distance from left end to fifty-eighth feature: 23.3
- Distance from left end to fifty-ninth feature: 23.6
- Distance from left end to sixtieth feature: 23.9
- Distance from left end to sixty-first feature: 24.2
- Distance from left end to sixty-second feature: 24.5
- Distance from left end to sixty-third feature: 24.8
- Distance from left end to sixty-fourth feature: 25.1
- Distance from left end to sixty-fifth feature: 25.4
- Distance from left end to sixty-sixth feature: 25.7
- Distance from left end to sixty-seventh feature: 26.0
- Distance from left end to sixty-eighth feature: 26.3
- Distance from left end to sixty-ninth feature: 26.6
- Distance from left end to seventieth feature: 26.9
- Distance from left end to seventy-first feature: 27.2
- Distance from left end to seventy-second feature: 27.5
- Distance from left end to seventy-third feature: 27.8
- Distance from left end to seventy-fourth feature: 28.1
- Distance from left end to seventy-fifth feature: 28.4
- Distance from left end to seventy-sixth feature: 28.7
- Distance from left end to seventy-seventh feature: 29.0
- Distance from left end to seventy-eighth feature: 29.3
- Distance from left end to seventy-ninth feature: 29.6
- Distance from left end to eightieth feature: 29.9
- Distance from left end to eighty-first feature: 30.2
- Distance from left end to eighty-second feature: 30.5
- Distance from left end to eighty-third feature: 30.8
- Distance from left end to eighty-fourth feature: 31.1
- Distance from left end to eighty-fifth feature: 31.4
- Distance from left end to eighty-sixth feature: 31.7
- Distance from left end to eighty-seventh feature: 32.0
- Distance from left end to eighty-eighth feature: 32.3
- Distance from left end to eighty-ninth feature: 32.6
- Distance from left end to ninetyth feature: 32.9
- Distance from left end to ninety-first feature: 33.2
- Distance from left end to ninety-second feature: 33.5
- Distance from left end to ninety-third feature: 33.8
- Distance from left end to ninety-fourth feature: 34.1
- Distance from left end to ninety-fifth feature: 34.4
- Distance from left end to ninety-sixth feature: 34.7
- Distance from left end to ninety-seventh feature: 35.0
- Distance from left end to ninety-eighth feature: 35.3
- Distance from left end to ninety-ninth feature: 35.6
- Distance from left end to one hundredth feature: 35.9

Cross-sectional View (A-A) Dimensions:

- Overall width: 12
- Distance from left edge to first feature: 5.5
- Distance from left edge to second feature: 1.75
- Distance from left edge to third feature: 2.0
- Distance from left edge to fourth feature: 5.0
- Distance from left edge to fifth feature: 6.0
- Distance from left edge to sixth feature: 6.5
- Distance from left edge to seventh feature: 7.0
- Distance from left edge to eighth feature: 7.5
- Distance from left edge to ninth feature: 8.0
- Distance from left edge to tenth feature: 8.5
- Distance from left edge to eleventh feature: 9.0
- Distance from left edge to twelfth feature: 9.5
- Distance from left edge to thirteenth feature: 10.0
- Distance from left edge to fourteenth feature: 10.5
- Distance from left edge to fifteenth feature: 11.0
- Distance from left edge to sixteenth feature: 11.5
- Distance from left edge to seventeenth feature: 12.0
- Distance from left edge to eighteenth feature: 12.5
- Distance from left edge to nineteenth feature: 13.0
- Distance from left edge to twentieth feature: 13.5
- Distance from left edge to twenty-first feature: 14.0
- Distance from left edge to twenty-second feature: 14.5
- Distance from left edge to twenty-third feature: 15.0
- Distance from left edge to twenty-fourth feature: 15.5
- Distance from left edge to twenty-fifth feature: 16.0
- Distance from left edge to twenty-sixth feature: 16.5
- Distance from left edge to twenty-seventh feature: 17.0
- Distance from left edge to twenty-eighth feature: 17.5
- Distance from left edge to twenty-ninth feature: 18.0
- Distance from left edge to thirtieth feature: 18.5
- Distance from left edge to thirty-first feature: 19.0
- Distance from left edge to thirty-second feature: 19.5
- Distance from left edge to thirty-third feature: 20.0
- Distance from left edge to thirty-fourth feature: 20.5
- Distance from left edge to thirty-fifth feature: 21.0
- Distance from left edge to thirty-sixth feature: 21.5
- Distance from left edge to thirty-seventh feature: 22.0
- Distance from left edge to thirty-eighth feature: 22.5
- Distance from left edge to thirty-ninth feature: 23.0
- Distance from left edge to fortieth feature: 23.5
- Distance from left edge to forty-first feature: 24.0
- Distance from left edge to forty-second feature: 24.5
- Distance from left edge to forty-third feature: 25.0
- Distance from left edge to forty-fourth feature: 25.5
- Distance from left edge to forty-fifth feature: 26.0
- Distance from left edge to forty-sixth feature: 26.5
- Distance from left edge to forty-seventh feature: 27.0
- Distance from left edge to forty-eighth feature: 27.5
- Distance from left edge to forty-ninth feature: 28.0
- Distance from left edge to fiftieth feature: 28.5
- Distance from left edge to fifty-first feature: 29.0
- Distance from left edge to fifty-second feature: 29.5
- Distance from left edge to fifty-third feature: 30.0
- Distance from left edge to fifty-fourth feature: 30.5
- Distance from left edge to fifty-fifth feature: 31.0
- Distance from left edge to fifty-sixth feature: 31.5
- Distance from left edge to fifty-seventh feature: 32.0
- Distance from left edge to fifty-eighth feature: 32.5
- Distance from left edge to fifty-ninth feature: 33.0
- Distance from left edge to sixtieth feature: 33.5
- Distance from left edge to sixty-first feature: 34.0
- Distance from left edge to sixty-second feature: 34.5
- Distance from left edge to sixty-third feature: 35.0
- Distance from left edge to sixty-fourth feature: 35.5
- Distance from left edge to sixty-fifth feature: 36.0
- Distance from left edge to sixty-sixth feature: 36.5
- Distance from left edge to sixty-seventh feature: 37.0
- Distance from left edge to sixty-eighth feature: 37.5
- Distance from left edge to sixty-ninth feature: 38.0
- Distance from left edge to seventieth feature: 38.5
- Distance from left edge to seventy-first feature: 39.0
- Distance from left edge to seventy-second feature: 39.5
- Distance from left edge to seventy-third feature: 40.0
- Distance from left edge to seventy-fourth feature: 40.5
- Distance from left edge to seventy-fifth feature: 41.0
- Distance from left edge to seventy-sixth feature: 41.5
- Distance from left edge to seventy-seventh feature: 42.0
- Distance from left edge to seventy-eighth feature: 42.5
- Distance from left edge to seventy-ninth feature: 43.0
- Distance from left edge to eightieth feature: 43.5
- Distance from left edge to eighty-first feature: 44.0
- Distance from left edge to eighty-second feature: 44.5
- Distance from left edge to eighty-third feature: 45.0
- Distance from left edge to eighty-fourth feature: 45.5
- Distance from left edge to eighty-fifth feature: 46.0
- Distance from left edge to eighty-sixth feature: 46.5
- Distance from left edge to eighty-seventh feature: 47.0
- Distance from left edge to eighty-eighth feature: 47.5
- Distance from left edge to eighty-ninth feature: 48.0
- Distance from left edge to ninetyth feature: 48.5
- Distance from left edge to ninety-first feature: 49.0
- Distance from left edge to ninety-second feature: 49.5
- Distance from left edge to ninety-third feature: 50.0
- Distance from left edge to ninety-fourth feature: 50.5
- Distance from left edge to ninety-fifth feature:

MODEL NAME	CODE NO.
TVAU10	

Technical drawing of a circular component. The top view shows a circle with a central hole of diameter $\varnothing 80$ and three radial slots. The side view shows a cylinder with a total diameter of $\varnothing 330$ and a height of 13.5. A label is attached to the side view.

A schematic diagram of a reel. The reel is represented by a large circle with a central hub and four spokes. A label is attached to the reel, and a drawing direction arrow points to the right. The reel is labeled 'Reel' and the drawing direction is labeled 'DRAWING DIRECTION'.

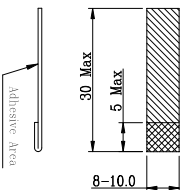
The diagram illustrates the components of a tape assembly. It shows a carrier tape with a series of holes, a cover tape, an end tape, and a reel. The carrier tape is labeled "Carrier Tape" and the cover tape is labeled "Cover Tape". The end tape is labeled "End Tape" and the reel is labeled "Reel". The diagram also shows a cross-section of the tape assembly, with the carrier tape and cover tape shown in cross-section. The end tape is shown in cross-section and the reel is shown in cross-section. The diagram is labeled with "END TAPE" and "Carrier Tape".

Diagram illustrating the layout of a 300x380mm trailer, showing various sections and components:

- Adhered Portion (2 Holes)**: The section at the front of the trailer, containing two holes.
- Non-Packed Portion**: The section following the adhered portion, containing four holes.
- Packed Portion**: The section following the non-packed portion, containing four holes.
- Non-Packed Portion (4 Holes Min)**: The section following the packed portion, containing four holes.
- Trailer**: The overall length of the trailer, indicated by a dimension line.
- Leader**: The section at the front of the trailer, containing four holes.
- Cover Tape**: A section at the front of the trailer, containing four holes.
- 300x380mm**: The overall dimensions of the trailer.

NOTE

1. 3kpcs SWITCHES PER 1 REEL
2. GENERAL TOLERANCE : 0.3mm



REFERENCE DRAWING

RevNo	Revision note	Date	Signature

Designed by							ZHEJIANG JIANTU ELECTRONICS CO., LTD	
Checked by	L.Y.D							
Approved by			Unit	mm	Scale	1/1	Date	2011.10.14
Item	Tactile Switch		Tool		A-Cad		Sheet	1/1
Model	3.2X4.2X2.5 Series		Drawing name		ASSEMBLY			