

Product Specifications

Customer: _____

Part Number: _____

Description: _____ 3X6X5

Code NO: _____

SAMPLE PROVIDE		
Engineering	Sales	Approval

CUSTOMER APPROVAL		
Engineering	Q. C	Approval

IS09001:2008

IS014001:2004

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1、SCOPE:

- 1.1 This practice applies to the content 3x6x5 Tie Pian touch the switch of production and inspection and testing.

2、USE CONDITION:

2.1 Ambient temperature Range:-20℃～+70℃

2.2 Type of actuation: Tactile feedback

2.3 Contact arrangement 1 poles1 throws

3、Appearance and Dimension:

3.1 Appearance:Product surface without defect、dirt、crack、and mechanical damang, Contact without rust,plating not oxidized and not peeled.

3.2 Dimension:According to drawings

3.3 Exchangable:Exchangable with same specification products.

5、Material:

P/N	Material	Finish	Expiain
Shrapnel	Stainless steel 0.05mm		RoHS Comp liant
Terminal	Brass 0.30 mm	Silver Plating:3~4 μ m	
Lap	Brass 0.25 mm	Tin Plating:3~4 μ m	
Button	PPA UL94V-0	Color:White	
Foundation	PPA UL94V-0	Color:White	

6、Electrical Performance:

N0.	Item	Requirement
6.1	Voltage Rated	12V AC DC
6.2	Current Rated	0.05A AC DC
6.3	Contact Resistance	$\leq 0.1 \Omega$
6.4	Insulation Resistance	$\geq 100 M\Omega$
6.5	Dielectric Strength	$\geq 250V$ AC/minute
6.6	Bounce	5m sec max

7、Mechanical Performance:

N0.	Item	Requirement
7.1	Action force	$250 \pm 30gf$
7.2	To force	$100 \pm 30gf$ min
7.3	Still strength	Push the handle in the direction of movement imposed 3kg static load acts, 60 seconds is not mechanical and electrical damage phenomenon
7.4	Stem Strength	$\geq 3kgf$
7.5	Travel	$0.25 \pm 0.1mm$
7.6	Life	≥ 50000

8、Endurance Characteristics:

N0.	Ltem	Requirement
8. 1	Soldering rest	Time: $2.5 \pm 0.5S$ Temperature: $260 \pm 5^{\circ}C$ Area of Soldering: $\geq 95\%$
8. 2	Resistance to soldering Heat	Time: $2.5 \pm 1S$ Temperature: $260 \pm 5^{\circ}C$ Appearance:N0 Damage
8. 3	Heat test	Time:96h Temperature: $+85 \pm 3^{\circ}C$ Appearance:N0 Damage Contact resistance: $\leq 0.1 \Omega$
8. 4	Cold test	Time:48h Temperature: $-25 \pm 3^{\circ}C$ Appearance:N0 Damage Contact resistance: $\leq 0.1 \Omega$
8. 5	Temperature Cycling	Low temperature: $-25 \pm 3^{\circ}C$ High temperature: $-85 \pm 3^{\circ}C$ For 5 cycles.test after keeping in Normal Condition for 30 min. Appearance: N0 Damage Contact resistance: $\leq 0.1 \Omega$

8.6	Invariab lenes humidity	<p>Temperature:$60\pm 2^{\circ}\text{C}$</p> <p>Relative humidity:90%–96% RH</p> <p>Tim:96h Appearance:NO Damage</p> <p>Contact resistance: $\leq 0.1\ \Omega$</p> <p>Insulation Resistance: $\geq 100\text{M}\ \Omega$</p>
8.7	Salt Spray	<p>Salt concentration: $5\pm 1\%$</p> <p>Temperature:$35\pm 2^{\circ}\text{C}$</p> <p>Tim:$16\pm 2\text{h}$</p> <p>After salt is removed by running wafer and A drop is removed ,it is measured. Hang the test sample from the top of the test chamber, use sodium chloride solution with a concentration of ($5\pm 1\%$), and atomize it continuously for 16 hours. After testing, gently wash the sediment from the surface with distilled water. and keep it in normal conditions of constant temperature and humidity. It takes 1-2 hours to recover without damaging the appearance.</p> <p>Appearance:NO Damage</p> <p>Contact resistance: $\leq 0.1\ \Omega$</p>

9、Packaging Transportation Storage

9.1 Packaging

Products for the inner packing box, packing () got stuck in, and of the product name, specifications and model number of the date of production and other information

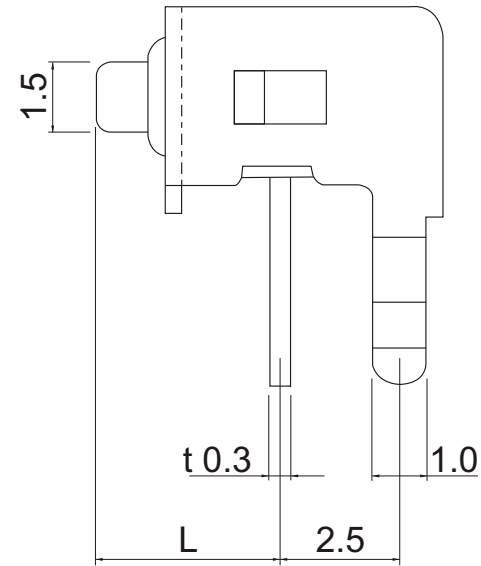
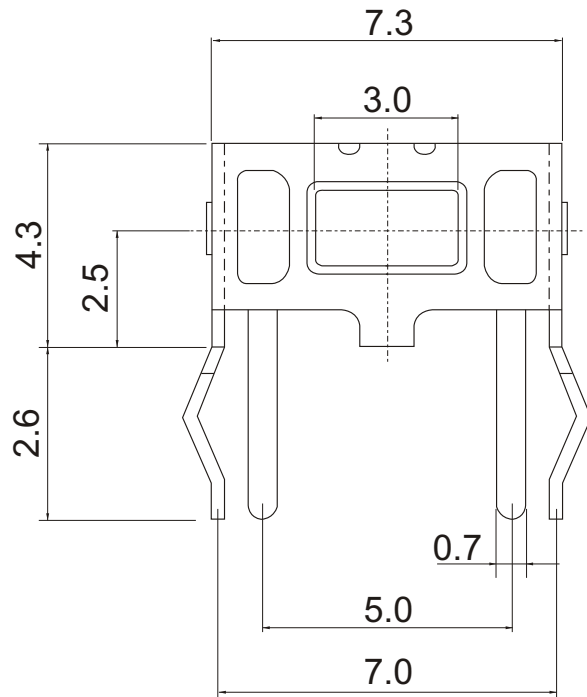
- (1) Exterior package is carton, facing the packing list, the packing list marked with product name, specification model, quantity, date of dispatch.**
- (2) The product in the box must not rock.**

9.2 Transportation

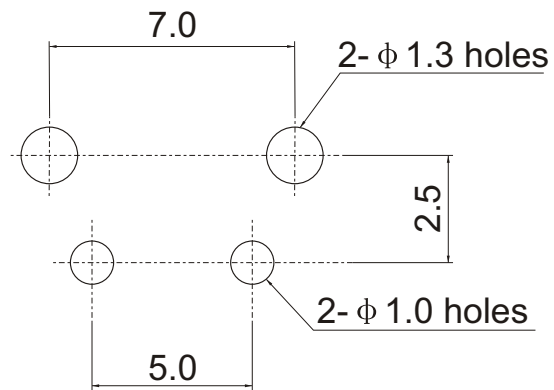
Allow for any way transportation, can't get wet and mechanical in jury.

9.3 Storage

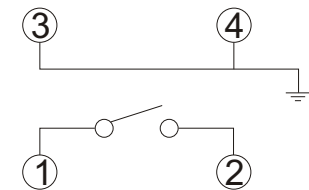
The connector of packing finished should be in the ambient temperature between -10℃ to +40℃, Relative humidity ≤ 80%. To store in storehouse does not have acidic, alkaline air and other corrosive gas in the ambient air.



P.C.B.Land Pattern



Circuit Diagram



						PRODUCT NAME				PRODUCT MODEL				
						TACTILE SWITCH				3*6*5				
MARK	NUMBER OF PLACES	PARTITION	CHANGE FILE NUMBER	SIGN	YEAR MONTH DAY									
DESIGN				STANDARDIZATION				STAGE MARK		WEIGHT	PROPO RTION			
REVIEW				APPROVE										
CRAFTSMANSHIP				DATE				A TOTAL OF		NO.1				