



规格书

SPECIFICATION

CUSTOMER NAME	客户名称:	
CUSTOMER NO.	客户编号:	
SERIES	系 列:	拨动开关垂直立式
MODEL NO.	型 号:	XB-SS-12E01
DRAWING NO.	图 形 号:	Slide Switch Vertical

If specification of this product meets your request, please confirm all the items of it and return to us with signature and stamp, it will be basis of our production and record. Thanks your cooperation in advance!

若此产品规格符合贵司要求，敬请确认此规格书内所有项目
并签名和盖章后回传给我司，以作我司产品制作之

依据和存档之用，多谢合作！

EXAMINE & APPROVAL 审批

APPROVE	接受	NOT APPROVE	不接受
SIGNATURE	签署	STAMP	盖章 DATE日期

PREPARED BY.制表人	CHECKED BY.校对	APPROVED BY.审核	APPROVAL BY.批准
研发部	品质部	工程部	总经办
戴海明	黄自清	庞军	吴量
2022. 06. 08	2022. 06. 08	2022. 06. 08	2022. 06. 08

东莞市溪榜电子有限公司

Dong guan Xi Bang Electronics Co., Ltd

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Dong Guan XB ElectronicsCo., Ltd

AccountNumber: 705540238

BankName: CitibankN. A., HongKongBranch

Country/Region: Hong Kong

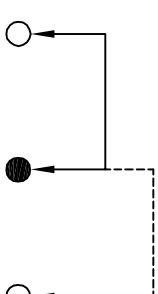
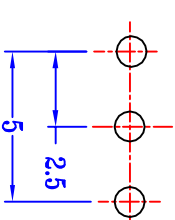
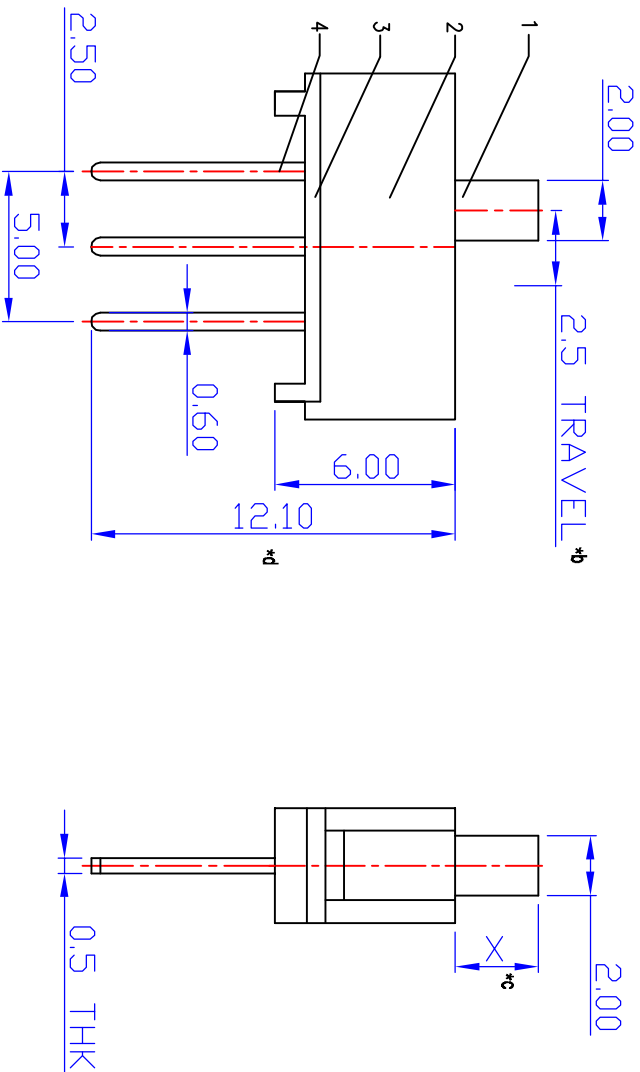
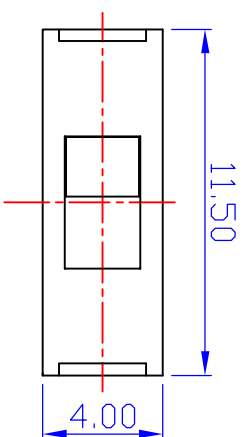
BankCode:006

BankAddress: 3GardenRoad, Central, Hong Kong

SWIFT/BIC: CITIHKHX (CITIHKHXXXX*If 11 characters are required)

MAIL: HK@ALPSR.CN XB@ALPSR.CN

Quality core! Afterburner for Made in China!



8					TOLERANCE					
7					UNLESS SPECIFIED					
6					WITHIN 1.5mm : ±0.1mm OVER 1.5mm : ±0.2mm					
5	CONTACT CLIP	PBS C5210R-EH	1	Ag CLAD	ISSUE	DATE	DESCRIPTIONS OF REVISION		APPD.	
4	TERMINAL	BRASS STRIP	3	Ag PLATED	TITLE : VERTICAL SLIDE SWITCH		UNIT : mm	DRWG NO.: XB-SS-12E01		
3	BASE	PA+F.G	1	BLACK	MODEL: XB-SS-12E01		SCALE: 4:1	DWN.		
2	HOUSING	PA+F.G	1	BLACK				CHK'D		
1	KNOB	PA+F.G	1	BLACK	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONIC CO., LTD.		APPD.			
NO.	PARTS	MATERIALS	Q'TY	FINISH						

 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		文件編號	XB-SS-15625
		發行日期	2015-06-25
SPECIFICATION 承認書		第 A 版	第 1 頁 共 3 頁
SERIES 產品系列	VERTICAL SLIDE SWITCH	TYPE 產品型號	XB-SS-12E01
DRAWN	庞军	APVD 審批	曾工
1・RATING（額定值）：DC 50V 0.3A			
2・FUNCTION（接觸型式）：1P2T		3・TIMING（時間特性）：SHORTING	
TITEM 項目	TEST CONDITIONS 測試條件		PERFORMANCE 規格
4. ELECTRICAL CHARACTERISTICS (電氣性能規格)：			
4A	CONTACT RESISTANCE 接觸電阻	MEASURED AT 1KHz , SMALL CURRENT (100 mA OR LESS) 在 1KHz,微小電流(100mA) 以下測試	30mΩ MAX. 30 毫歐以下。
4B	INSULATION RESISTANCE 絕緣電阻	APPLY A VOLTAGE OF 500V DC SHALL BE APPLIED FOR 1 MIN AFTER WHICH MEASUREMENT BE MADE: (1) BETWEEN TERMINALS (2) BETWEEN INDIVIDUAL TERMINALS AND FRAME 輸入 500V DC 電壓 1 分鐘,按以下接觸方法測試: (1) 排腳相互之間・ (2) 排腳與外殼之間・	100MΩ MIN. 100 兆歐以上。
4C	DIELECTRIC STRENGTH 耐電壓	AC 500V (50-60Hz) FOR 1 MIN TRIP CURRENT:0.5 mA (1) BETWEEN TERMINALS (2) BETWEEN INDIVIDUAL TERMINALS AND FRAME 輸入 AC 500V 電壓 1 分鐘感度电流为 0.5mA,按以下接觸方法測試: (1) 排腳相互之間 (2) 排腳與外殼之間	WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC. 沒有絕緣破壞等異常。
5. MECHANICAL CHARACTERISTICS (機械性能規格)			
5A	OPERATING FORCE 作動力	MEASUREMENT SHALL BE MADE AT THE NEAREST POINT OF THE COMPONENT OR AT THE POINT 3mm FROM THE TIP OF THE ACTUATOR (KNOB) . 在距離膠柄前端 3mm 作測定點。	250gf±100gf
5B	TERMINAL STRENGTH 端子強度	A STATIC LOAD OF 500gf SHALL BE APPLIED TO THE TERMINAL FOR 15 SEC. IN ANY DIRECTION 在排腳前端任意一個方向加 500gf 力度測試,時間為 15 秒。	ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED WITHOUT DAMAGE OR EXCESSIVE LOOSEN- ESS OF TERMINALS. 在排腳中沒有裂開. 鬆動等異常, 滿足于機械. 電器性能。
5C	DISPLACEMENT OF ACTUATOR (KNOB) 柄 強度	A STATIC LOAD OF 1Kgf BEING APPLIED IN ONE DIRECTION OF ACTUATOR FOR ONE MIN. 1 个 1 公斤静负荷施加于推杆之一个方向持续 1 分钟。	THE LEVER SHALL HAVE NO SERIOUS DEFORMATION AND FUNCTION IS NORMALLY. 柄部無嚴重變形,可以正常作。



6. ENDURANCE CHARACTERISTICS (耐久性):

6A	LIFE TEST 壽命試驗	ENDURANCE WITHOUT LOAD: A SWITCH SHALL BE SUBJECTED TO 10,000 CYCLES AT A SPEED OF 15 TO 18 CYCLES PER MINUTE WITHOUT LOAD. 無負荷: 在無負荷的條件下以每分鐘 15~18 回的速度進行 10,000 次的測試.	(1) CONTACT RESISTANCE (接觸電阻) 100mΩ MAX. 100 毫歐以下。 (2) INSULATION RESISTANCE (絕緣電阻) 50MΩ MIN. 50 兆歐以上。 (3) WITHSTAND VOLTAGE (耐電壓) AC500V, 1 MINUTE.AC 1 分鐘 500V. (4) OPERATING FORCE (作動力) ±30% INITIAL VALUE. 變化範圍初始值±30%。 (5) WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC. (測試后外表無損傷,并且滿足機械性能)									
6B	SOLDERABILITY TEST 可焊性試驗	THE TOP OF THE TERMINALS SHALL BE DIPPED 1mm IN THE SOLDER BATH OF 230±5℃ FOR 3±0.5 SECONDS. 端子頂部被浸入錫焊池中 1mm 深，溫度為 230±5℃，時間為 3±0.5 秒。	(1) SOLDER WETTING TIME SHALL BE 3 SEC OR LESS. 焊接時間應少于 3 秒。 (2) THE AREA OF SOLDERABILITY. SHOULD BE OVER 75%. 焊接面積要有 75%以上。									
6C	RESISTANCE TO SOLDERING HEAT TEST 耐焊性試驗	(1).TEMPERATURE AND IMMERSING TIME 溫度及浸锡时间 <table><tr><td></td><td>TEMPERATURE 溫度 (℃)</td><td>TIME 时间 (S)</td></tr><tr><td>DIP SOLDERING 浸 锡</td><td>260±5</td><td>3±1</td></tr><tr><td>MANUAL SOLDERING 手 焊</td><td>360±10</td><td>3±1</td></tr></table> (2)IMMERSION DEPTH: IMMERSION DEPTH UP TO THE SURFACE OF THE BOARD THICKNESS OF PRINTED WIRING BOARD 1.6mm. 浸锡深度： 浸锡深度至基板(PCB)表面，基板厚度为 1.6mm.		TEMPERATURE 溫度 (℃)	TIME 时间 (S)	DIP SOLDERING 浸 锡	260±5	3±1	MANUAL SOLDERING 手 焊	360±10	3±1	WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TEMINALS. ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED. 本體無變形,能滿足于機械、電器性能。
	TEMPERATURE 溫度 (℃)	TIME 时间 (S)										
DIP SOLDERING 浸 锡	260±5	3±1										
MANUAL SOLDERING 手 焊	360±10	3±1										
6D	COLD TEST 耐冷試驗	THE SWITCH SHALL BE STORED AT A TEMPERA-TURE OF -25±3℃ FOR 48 HOURS. THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在溫度-25±3℃中 48 小時后,再放置常溫常濕中 1 小時來進行測試。	THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART. 外觀無異常,滿足于機械、電器性能。									
6E	HEAT TEST 耐熱試驗	THE SWITCH SHALL BE STORED AT A TEMPERA-TURE OF 70±2℃ FOR 48 HOURS. THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在溫度 70±2℃中測試 48 小時后,再放置正常室溫中 1 小時來測定.										



6F	HUMIDITY TEST 潮濕試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF $40\pm 2^{\circ}\text{C}$ AND A HUMIDITY OF 90% TO 95% FOR 96 HOURS. THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置 $40\pm 2^{\circ}\text{C}$ 的相對濕度為 90%~95% 環境中 96 小時后, 再將樣版放在正常環境 1 小時后進行測試.	THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART. 外觀無異常, 滿足于機械、電器性能。
6G	STANDARD ATMOSPHERIC CONDITIONS 测试标准範圍	UNLESS OTHERWISE SPECIFIED. THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE : 5°C TO 35°C RELATIVE HUMIDITY : 45% TO 85% AIR PRESSURE : 86Kpa TO 106Kpa	在沒有指定的情況下測試溫度、濕度、氣壓如下: (1) 溫度為 $5\sim 35^{\circ}\text{C}$. (2) 濕度為 45%~85% . (3) 氣壓為 86Kpa~106Kpa.
6H	PRACTICAL TEMPERATURE RANGE 使用温度范围	$-16^{\circ}\text{C}\sim +65^{\circ}\text{C}$ 在 $-16^{\circ}\text{C}\sim +65^{\circ}\text{C}$ 內使用	