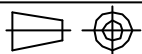


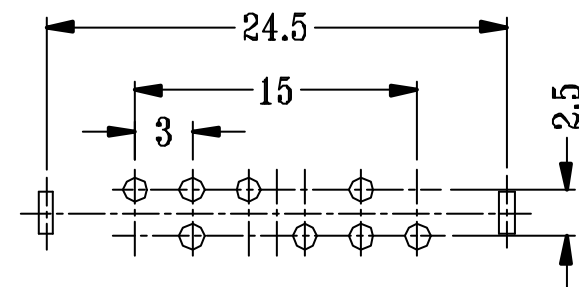
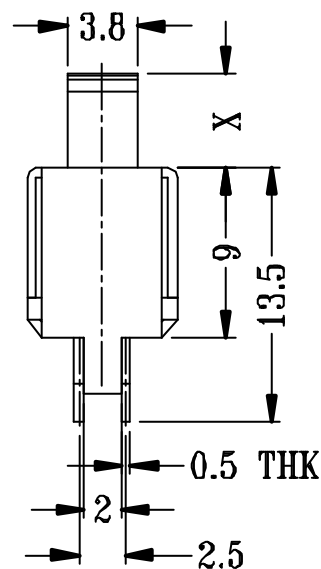
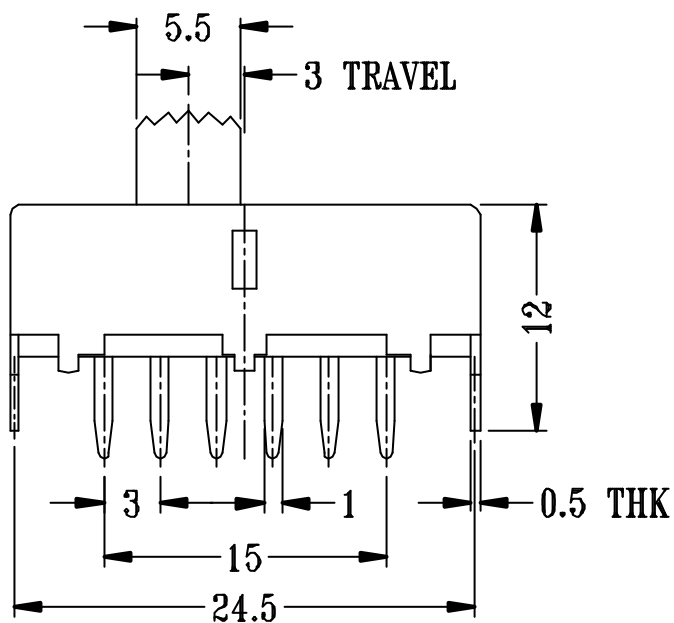
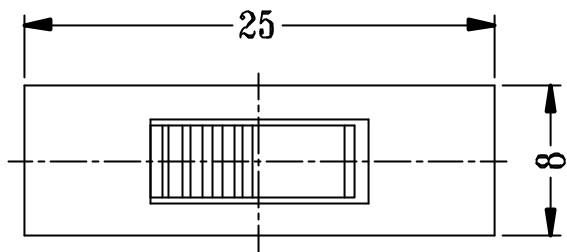
同發寶工業製品有限公司		文件編號	SF-SP-0275
		發布日期	2001 年 9 月 27 日
SPECIFICATION 規格書		第A 版	第 1 頁 共 3 頁
MODEL NO. 產品名稱. SS-23F07-G11			
DRAWN 制訂		蔣鳳君	APPD. 審批
1. RATING (額定值)		: AC 250V 1.5A	
2. FUNCTION (接觸型式)		: 2P3T	
3. TIMING ()		SHORTING	
4. ELECTRICAL CHARACTERISTICS (電氣性能規格):			
ITEM 項目		TEST CONDITIONS 測試條件	PERFORMANCE 規格
4.1	CONTACT RESISTANCE 接觸電阻	MEASURED AT SMALL CURRENT(100 mA OR 100mA) 在微小電流(100mA) 以下測試.	30mΩ MAX. 30毫歐以下。
4.2	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。
4.3	DIELECTRIC STRENGTH 耐電壓	AC 500V rms(50-60Hz)FOR 1 MIN TRIP CURRENT:0.5 mA (1) BETWEEN TERMINALS. (2) BETWEEN INDIVIDUAL TERMINALS AND FRAME. 輸入AC 500V(50-60Hz)電壓,1分鐘 流為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)			
ITEM 項目		TEST CONDITIONS 測試條件	PERFORMANCE 規格
5.1	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). 3mm .	(T1→T2)250gf±100gf (T2→T3)350gf±100gf
5.2	TERMINAL STRENGTH 端子強度	A STATIC LOAD OF 300gf SHALL BE APPLIED TO THE TERMINAL FOR 15 SEC.IN ANY DIRECTION 在排腳前端任意一個方向加300gf力度測試,時間為15秒.	ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED WITHOUT DAMAGE OR EXCESSIVE LOOSENESS OF TERMINALS. 在排腳中沒有裂開.鬆動等異常, 滿足于機械、電器性能.
5.3	DISPLACEMENT OF ACTUATOR (KNOB) 柄 強 度	A STATIC LOAD OF 10 N(1KgF)SHALL BE APPLIED TO THE TOP OF THE ACTUATOR(KNOD) AND THEN DISPLACEMENT SHALL BE MEASURED TO THE DIRECTION OF THE ARROW. 在柄的前端施加1KgF的力度,位移應沿印記的方向上定.	THE LEVER SHALL HAVE NO SERIOUS DEFORMATION AND FUNCTION IS NORMALLY . 柄部無嚴重變形,可以正常工作.

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SPECIFICATION 規格書			
6. ENDURANCE CHARACTERISTICS (耐久性):			
ITEM 項目	TEST CONDITIONS 測試條件	PERFORMANCE 規格	
6.1 LIFE TEST 壽命試驗	ENDURANCE WITHOUT LOADING: A SWITCH SHALL BE SUBJECTED TO 10,000 CYCLES AT A SPEED OF 15 TO 18 CYCLES PER MINUTE WITHOUT LOADING. 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) AC 500V, 1 MINUTE.AC 500V 1分鐘。 (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)	
6.2 SOLDERABILITY TEST 可焊性試驗	THE TOP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH OF 230±5°C FOR 3±0.5 SECONDS. 端子頂部被浸入錫焊池中2mm深,溫度為230±5°C,時間為3±0.5秒。	THE AREA OF SOLDERING. SHOULD BE OVER 75%. 焊接面積要有75%以上。	
6.3 RESISTANCE TO SOLDERING HEAT TEST 耐焊性試驗	SOLDER BATH METHOD: SOLDER TEMPERATURE 260±5°C IMMERSION TIME 3±0.5 SEC IMMERSION DEPTH UP TO THE SURFACE OF THE BOARD THICKNESS OF PRINTED WIRING BOARD 1.6mm DIMENSIONS OF COMPONENT HOLES IN THE PRINTED WIRING BOARD SHALL BEING ACCORDANCE WITH THOSE SPECIFIED IN THIS SPECIFICATION. 焊爐焊接的時候溫度控制在260±5°C,過爐時間3±0.5秒,于(基板)厚度為1.6mm.	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。	
6.4 COLD TEST 耐冷試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF -25±3°C 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°C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。	

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6.5	HEAT TEST 耐熱試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF $70\pm 2^{\circ}\text{C}$ 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$70\pm 2^{\circ}\text{C}$中測試48小時后,再放置正常室溫中1小時來測定.	THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART. 外觀無異常,滿足于機械、電器性能。
6.6	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.	
6.7	STANDARD ATMOSPHERIC CONDITIONS 測試標準狀態	UNLESS OTHERWISE SPECIFIED. THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS: (1) AMBIENT TEMPERATURE : 5°C TO 35°C (2) RELATIVE HUMIDITY : 45% TO 85% (3) 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.	
6.8	PRACTICAL TEMPERATURE RANGE 使用溫度範圍	$-16^{\circ}\text{C}\sim +60^{\circ}\text{C}$. 在$-16^{\circ}\text{C}\sim +60^{\circ}\text{C}$內使用.	



CAD FILE:



SCHEMATIC (SHORTING)

P.C.B LAYOUT

8					TOLERANCE				
7	STEEL BALL	STEEL	2	NATURAL	UNLESS SPECIFIED				
6	SPRING	STEEL WIRE	3	TEMPER	WITHIN: 1.5±0.1mm				
5	CONTACT	BRASS STRIP	2	Ag PLATED	OVER : 1.5±0.2mm	ISSUE	DATE	DESCRIPTIONS	APPD.
4	TERMINAL	BRASS STRIP	8	Ag PLATED OVER Ni PLATED	TITLE : VERTICAL SLIDE SWITCH		UNIT : MM	DRWG NO.: SF-DR-SS23F07-00	
3	BASE	PHENOLIC RESIN	1	BLACK	MODEL: SS-23F07		SCALE: 5:2	DWN.	
2	FRAME	STEEL STRIP	1	Ni PLATED	WEALTH METAL FACTORY LTD.			CHK'D	
1	KNOB	POM	1	BLACK				APPD.	
NO.	PART NAME	MATERIAL	Q'TY	FINISHING					