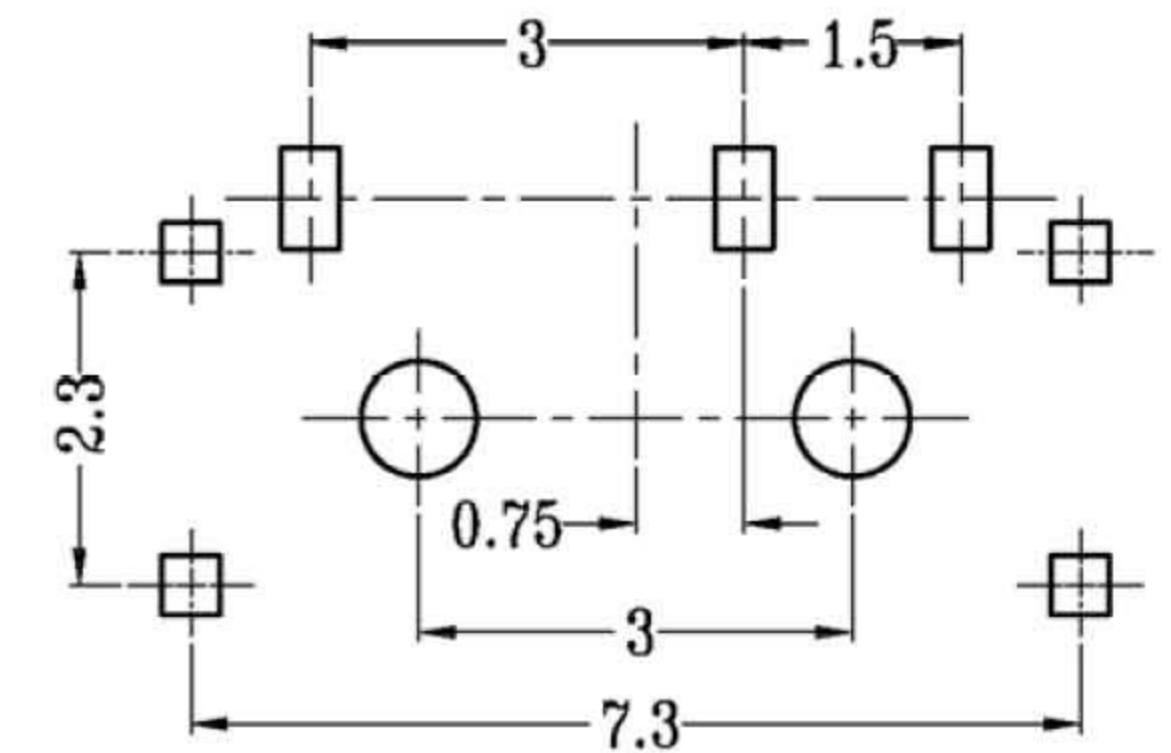
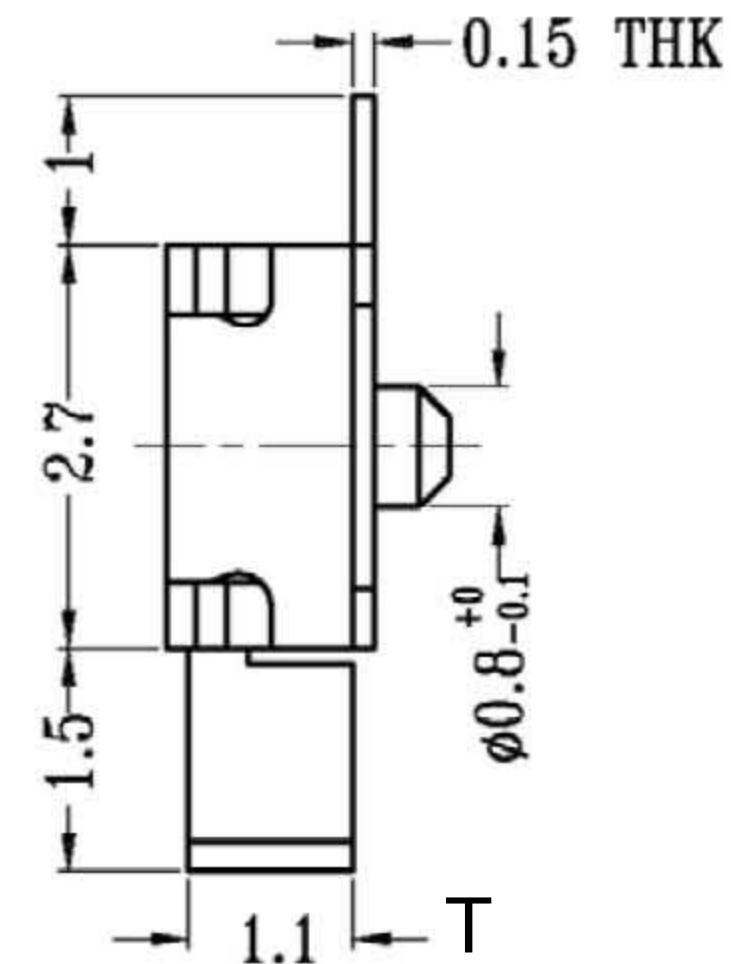
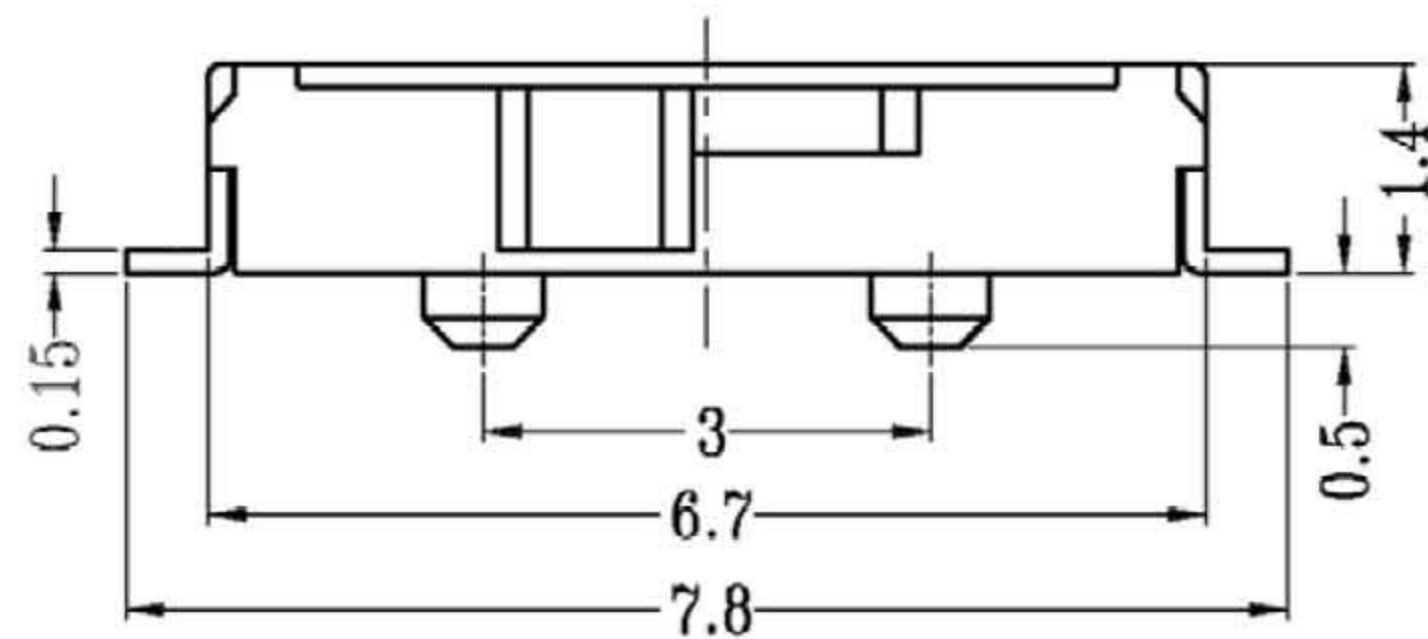


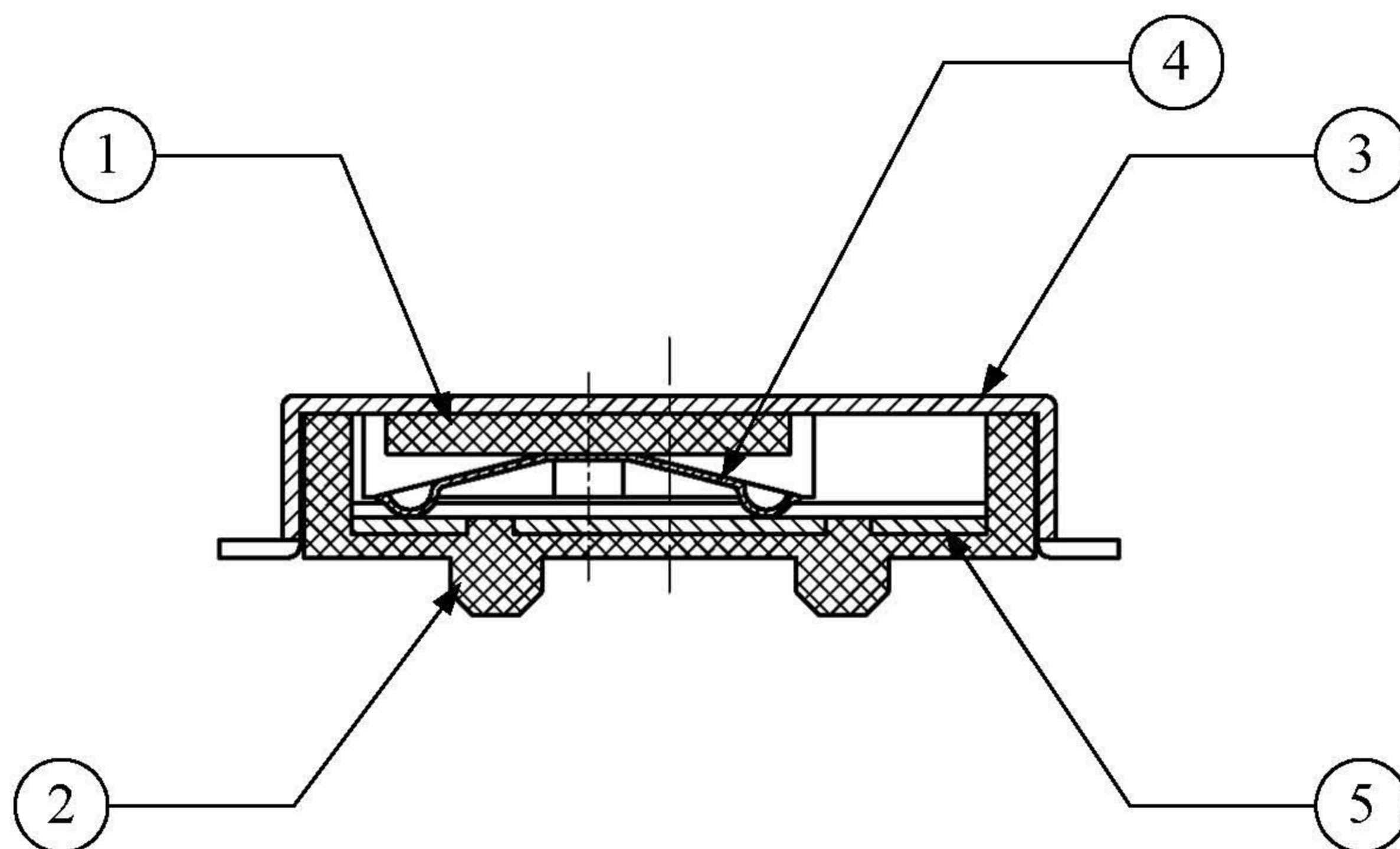
Knob "T"
0.4mm
1.1mm

Circuit	: ON-ON(1P2T)
Rating	: D.C. 4V 0.3A
Contact R.[max]	: D.C. 5V 1A 70mΩ
Insulation R.[min]	: D.C. 500V 100MΩ
Withstand VOL.	: A.C. 500V 1 minute
Operating force	: 200±100g
Life cycle[max]	: 10,000 CYCLES



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比例 SCALE	N/A	品名 TITLE		MINI SLIDE SWITCH			
單位 DIMENSION	m m	型號 MODEL		MSS-1290			
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE		繪圖 DRAWN	MKL 2006/05/26		核准 APPROVED	HSH 2006/05/26	
UP TO 10	±0.3			版次 REVISION	A	日期 DATE	2006/05/26
ABOVE 10 TO 100	±0.5						
ABOVE 100	±0.8						
ANGULAR DIMENSIONS	±5°						



MATERIAL SPECIFICATIONS

ITEM	PART NAME	MATERIAL	QTY	FINISH
1	KNOB	NYLON+F.G+94V0 (FR52)	1	Black/Blue
2	CASE	NYLON+F.G+94V0 (FR52)	1	Black
3	COVER	SUS	1	Ag Plated
4	CONTACT	PBS C5210R-EH	1	Ag Clad
5	TERMINAL	Brass Strip	3	Ag Plated Over Ni Plated

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		ABOVE 100	±0.8			
		ANGULAR DIMENSIONS	±5°			

SPECIFICATION 規格書				第 A 版		第 1 頁 共 3 頁	
MODEL NO. 產品名稱 . MSS-1290 SERIES							
DRAWN 制訂		蔣鳳君		APPV. 審批			
1. RATING (額 定 值)				: DC 4V 0.3A			
2. FUNCTION (接觸型式)				: 1P2T			
3. TIMING (時間特性)							
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	1000Hz MEASURED AT SMALL CURRENT(100 mA OR LESS) 在微小電流(100mA) 以下測試.			70mΩ MAX. 70 毫歐以下。		
4.2	INSULATION RESISTANCE 絕緣電阻	APPLY A VOLTAGE OF 500V DC FOR 1 MIN. TO FOLLOWING PORTIONS AFTER WHICH MEASUREMENT SHALL BE MADE: (1) BETWEEN BODY AND CONDUCTOR (2) BETWEEN CONDUCTORS NOT TO BE CONTACT 輸入 500V DC 電壓 1 分鐘,按以下接觸方法測試: (1) 接觸端子之間. (2) 插座體與排腳之間.			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 分鐘感度電流為 0.5 mA,按以下接觸方法測試: (1) 接觸端子之間. (2) 插座體與端子之間.			WITHOUT DAMAGE SUCH AS INSULATION BREAKDOWN. 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				200gf±100gf		
5.2	TERMINAL STRENGTH 端子強度	A STATIC LOAD OF (300 gf) SHALL BE APPLIED TO THE TIP OF THE TERMINAL FOR 1 MIN. IN ANY DIRECTION. 在任意一個方向的先端上加力度(300 gf)1 分鐘.			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	STANDARD ATMOSPHEIC 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℃ TO 35℃ (2) RELATIVE HUMIDITY : 45% TO 85% (3) AIR PRESSURE : 80Kpa 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 5~35℃ (2) 濕度為 45%~85% (3) 氣壓為 80Kpa~106Kpa					

SPECIFICATION 規格書		第 A 版	第 2 頁 共 3 頁
5.4	PRACTICAL TEMPERATURE RANGE 使用溫度範圍	-10℃~+60℃ 在-10℃~+60℃溫度內使用	
6. ENDURANCE CHARACTERISTICS (耐久性) :			
ITEM 項目		TEST CONDITIONS 測試條件	PERFORMANCE 規格
6.1	SOLDERABILITY TEST 可焊性試驗	THE TOP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH OF 230±5℃ FOR 3±0.5 SECONDS. 端子頂部被浸入錫焊池中 2mm 深，溫度 為 230±5℃，時間為 3±0.5 秒。	THE AREA OF SOLDERING SHOULD BE OVER 75% 焊接面積要有 75%以上。
6.2	RESISTANCE TO SOLDERING HEAT TEST 耐焊性試驗	SOLDER BATH METHOD: SOLDER TEMPERATURE 260±5℃IMMERSION TIME 3±0.5 SEC IMMERSION DEPTH UP TO THE SURFACE OF THE BOARD THICKNESS OF PRINTED WIRING BOARD 1 mm DIMENSIONS OF COMPONENT HOLES IN THE PRINTED WIRING BOARD SHALL BEING ACCORDANCE WITH THOSE SPEC IFIED IN THIS SPECIFICATION. 焊爐焊接的時候溫度控制在 260±5℃,過爐時間 為 3±0.5 秒,于基板厚度為 1.0mm	THERE SHALL BE NO DEFORMATION OF THE SWITCH. MECHANICAL AND ELEC TRICAL CHARACTERISTICS SHALL BE SATISFIED. 本體無變形,滿足于机械、電氣性能。
6.3	LIFE TEST 壽命試驗	WITHOUT LOAD: AN ACTUATOR SHALL BE SUBJECT TO 10,000 CYCLES AT A SPEED OF 15 TO 18 CYCLES FOR 1 MIN. 無負荷: 操作者以每分鐘 15~18 次的頻率作 10,000 回之無 負荷測試。	(1) CONTACT RESISTANCE SHALL BE 200 mΩ MAX. (2) MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED. (1) 接觸電阻不能超于 200 mΩ (2) 其它、滿足于機械、電器性能

SPECIFICATION 規格書			第 A 版	第 3 頁 共 3 頁
6.4	COLD TEST 耐冷試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF -20±3℃ FOR 96 HOURS AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在溫度-20±3℃中 96 小時后,再放置常溫常濕中 1 小時來測定。	THERE SHALL BE NO DAMAGE ON APPEARANCE. MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED. 外觀無異常, 滿足于機械, 電器性能.	
6.5	HEAT TEST 耐熱試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 80±2℃ FOR 96 HOURS.AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在溫度 80±2℃中測試 96 小時后,再放置正常室溫中 1 小時來測定。		
6.6	HUMIDITY TEST 潮濕試驗	THE SWITCH SHALL BE STORED AT A TEMPERATURE OF 40±2℃ 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±2℃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。		