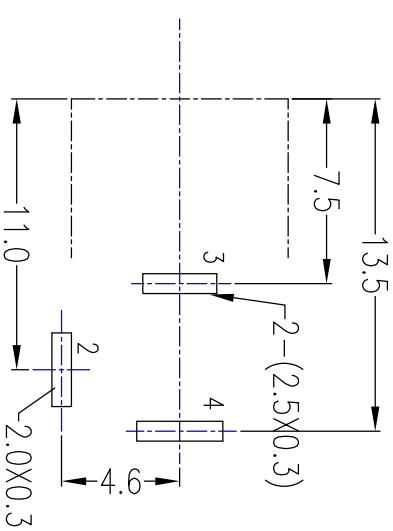
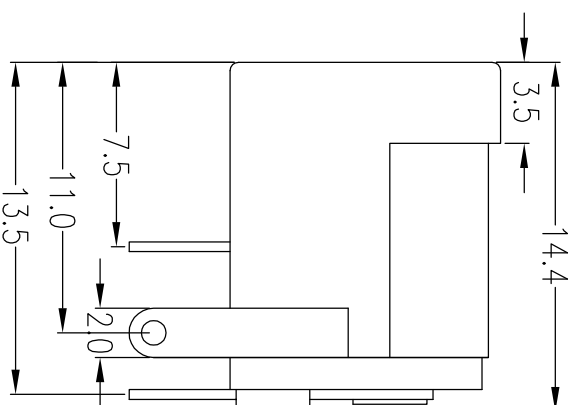
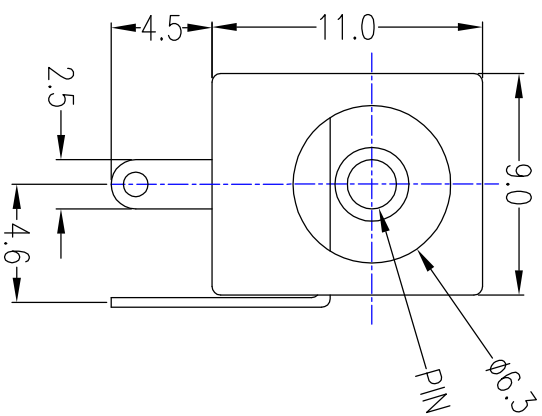
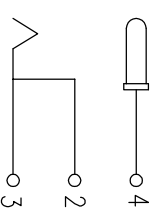




REV	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	NEW RELEASE	Lancy 2004/8/24	Jason 2004/8/24	Dovid 2004/8/24

PIN	ø2.0	ø2.5
APPD		



GENERAL TOLERANCE X. ±0.20 X. ±0.10 XX ±0.05 .XXX ±0.03		ANGLE TOLERANCE X.° ±2.0° X° ±1.0° .XX° ±0.5°	
MAJOR (QC CHECKED) : ▼ = 5 Pieces CONTROL POINT PH : Lb CRITICAL (Cpk & Cp) : [X] = Pieces		SCALE 1 : 1 UNIT mm	DESIGN Lancy DATE 2004/8/24
		CHECKED Jolson DATE 2004/8/24	TITLE DC POWER JACK DC-00050
SHEET 1 OF 1		APPROVED David DATE 2004/8/24	SERIES DC POWER JACK FS-C-DC-005-00-00 REV A

NOTES:

- 1、Rated Load:DC 30V 0.5 A
- 2、Temperature: $-30^{\circ}\sim 70^{\circ}\text{C}$
- 3、Withstand Voltage: AC500V (50Hz)/min
- 4、Operations Force: 3~20N
- 5、Contact Resistance: ≤ 0.3
- 6、Life: 5,000 Cycles Min Ω
- 7、Insulation Resistance: $\geq 100\text{M}$

規 格 書 SPECIFICATION

DESIGNATION		系列：電源插座	
MODEL		型號：DC-00050	
1. RATING		額定值: DC 30V 0.5A	
2. CONSTRUCTION DIMENSION 結構尺寸:		Apply to the appended drawing: 符合附加圖紙	
3. APPEARANCE 外觀:		Have no remarkable damage ,crack and rust etc: 無明顯損傷,裂紋,鏽迹等.	
ITEM 專案		TEST CONDITION 測試條件	SPECIFICATION 規格
4. ELECTRONICAL CHARACTERISTICS.電氣性能.			
4A	CONTACT RESISTANCE 接觸阻抗	Being measured at 1KHz small current contact resistance meter.在 1KHz 小電流下測量.	50mΩ max 50 毫歐以下.
4B	INSULATION RESISTANCE 絕緣阻抗	Measurements shall be made following application of DC500V potential across terminals and across terminals and frame for 1 minute. 在端子之間和端子與殼之間加 DC 500V 條件下,持續 1 分鐘測量.	100MΩ min 100 兆歐以上.
4C	WITHSTAND VOLTAGE 耐電壓	AC 500V (50Hz or 60Hz) shall be applied across terminals and across terminals and frame for one minute 在端子之間和端子與殼之間加 AC 500V(50HZ 或 60HZ)條件下,持續 1 分鐘測量.	There shall be no breakdown. 無擊穿現象出現.
5. MECHANICAL CHARACTERISTICS.機械性能.			
5A	INSERTION AND WITHDRAW FORCE 插拔力	Being measure at across spring piece and across matching plug for ergometer 用測力計在插頭與彈片之間進行測量 .	Insertion and extraction force 3-20N 插拔力 3-20N
5B	TERMINAL STRENGTH 端子強度	A static force of 500gf being applied in one direction on the tip of terminal for 1 minute.一個 500 克之靜負荷施加於端子頂部的一個方向持續 1 分鐘 .	There shall be no sign of damage mechanically and electrically. 無任何迹象顯示機械及電氣性能損壞.
6. DURABILITY.耐久性.			
6A	RESISTANCE TO SOLDERING HEAT TEST 耐焊性試驗	Solder bath method:solder temperatute 260±5℃ Immersion Thickness of P.C.B. 1.6mm .Soldering ironmethod:Eit temperature 350 ± 10 °C Application time 3 ± 0.5secHowever excessive pressure shall not be applied to the terminal.Without deformation of case or excessive looseness of teminals electrical characteristics shall be satisfied.焊爐焊錫的溫度控制在 260±5℃, 過爐焊接的時間 5±1 秒於(基板)厚度為 1.6mm. 手焊接的時候溫度需控制在 350±10℃, 時間為 3±0.5 秒但不能在排腳上施加異常壓力.	There shall be no sign of damage mechanically and electrically. 無任何迹象顯示機械及電器性能之損壞.
6B	LIFE TEST. 壽命試驗	5,000 cycles of operation at a rate of 15-18 cycles per minute with unloading. 無負載條件下,每分鐘 15-18 次的速度操作 5,000 次 .	(1). Contact resistance . 40mΩ max 接觸阻抗 40 毫歐以下. (2). Insertion and withdraw force 30 initial value 插拔力變化範圍初始值 30% (3). ITEM 專案-4B(4). ITEM 專案-4C
6C	HEAT TEST. 耐熱試驗	80±2℃ for 48 hours after test keep in normal condition for 30 minutes.在 80±2℃環境中放 48 小時,再放在正常環境中 30 分鐘後進行測試 .	(1). Contact resistance 150mΩ max. 接觸電阻 150 毫歐以下 (2). Insulation resistance. 50MΩ min. 絕緣電阻 50 兆歐以上 (3). There shall be no sign of damage mechanically and electrically. 無任何迹象顯示機械及電器性能之損壞.
6D	HUMIDITY TEST. 耐濕試驗	The condition of temperature 40±2℃ and humidty 90-95% for 48 hrs. after test keep in normal condition for 30 min.在溫度 40±2℃ 濕度 90-95%環境中放 48 小時,再放在正常環境中 30 分鐘後進行測試 .	
6E	COLD TEST. 耐冷試驗	At -20±3℃ for 96 hrs. after test keep in normal condition for 30 min.在-20±3℃環境中放 96 小時,再置於正常環境中 30 分鐘後進行測試 .	
DGN.製錶人: LANCY		CKD.校 對: JACK	APPD.審 核: DAVID YU
DATE.日 期: 2008-8-20		DATE.日 期: 2008-8-20	DATE.日 期: 2008-8-20