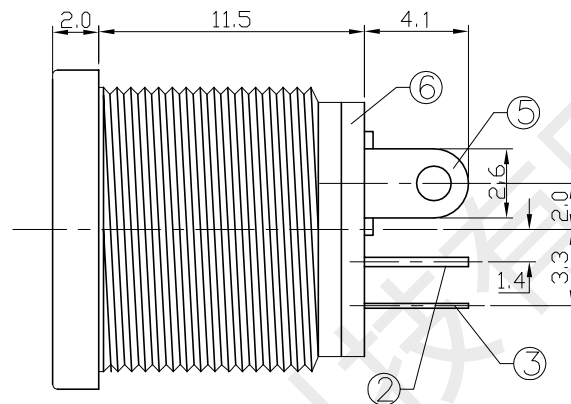




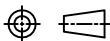
Technical drawing of a mechanical part with dimensions and labels:

- Top horizontal dimension: 3.7
- Left vertical dimension: 2.0
- Left vertical dimension: 3.3
- Bottom horizontal dimension: 3.4
- Right vertical dimension: 1.4
- Label 5: Points to the top rectangular feature.
- Label 3: Points to the bottom rectangular feature.
- Label 2: Points to the middle rectangular feature.
- Label 3-(3.0X0.8): Points to the middle rectangular feature.

A diagram of a 5-pin DIN connector. The pins are numbered 1 through 5. Pin 1 is the top pin. Pin 2 is the second pin from the top. Pin 3 is the third pin from the top. Pin 4 is the fourth pin from the top. Pin 5 is the bottom pin. A common ground symbol is connected to pins 2 and 3.

PIN	ø2.0	ø2.5	
APPD.	✓		

1. Rating : DC 30V 0.5A;
2. Contact resistance: $\leq 0.03\Omega$;
3. Insulation resistance: $\geq 100M\Omega$ (DC250V);
4. Withstand voltage: 500VAC ;
5. Insertion and extraction force: 3—20N;
6. life test: 5,000 cycles.

6	COVER	1	PF							
5	CONTACT	1	BRASS	Cu—Sn—Plating						
4	PIN	1	H59 BRASS	Ni—Plating						
3	SPRING	1	65Mn STEEL	Cu—Sn—Plating						
2	FLAT PIECE	1	H62 BRASS	Cu—Sn—Plating						
1	HOUSING	1	PBT							
NO.	DESCRIPTION	QTY	MATERIAL	PLATING						
UNIT:MM		TYPE:		MODEL NO:		PAPER NO:		PAGE 1 OF 1		
		DC JACK		DC 022		TOLERANCE		ANGLES	SCALE	VER
						±0.15		±1.5°	3:1	1
DESIGNER		李春风 2020.8.24		 深圳市首韩科技有限公司						
CHECK		钟华华 2020.8.24								
APPROVED		罗孝金 2020.8.24								



深圳市首韩科技有限公司

SHENZHEN SHOUHAN TECHNOLOGY CO., LTD

Tel: 0755-27597601 Fax: 0755-27597491

承 认 书

SPECIFICATION FOR APPROVAL

产 品 编 码

Material code:

产品名称 Project:

DC座

规格型号 Part No:

DC022

贵公司承认印 Approval signatures

料 号/Part No.	签 章/Signatures

日期 Date:

拟制/Drawn	李春风	
审核/Check	钟华华	
批准/Approved	罗孝金	



深圳市首韩科技有限公司

品名 (NAME) : DC座		
型号 (MODEL): DC022		
1.溫度5~35-C, 溫度45~85 標準狀態下測試。 In normal fettle to test.Temperature 5~35-C and humidity 45~85		
2.溫度 - 30~+70 環保內使用。 (In entironment of remperature —30~+70)		
ITEM 專案	TEST CONDITION 測試條件	SPECICFICAION 規格
3.ELECTRONICAL RESISTAN 電氣性能		
3.1 CONTACT RESISANCE 接觸阻抗	Being measured at 1KHZsmall current connect resistance meter.在1KHZ小電流下測量。	0.03欧姆以下
3.2 INSULATION RESISTANCE 絕緣阻抗	Measurements shall be made following application of DC500V potenrial across terminals and across terminals and frame for 1minute.在端子之間和端子與殼之間加DC500V條件下，持續1分鐘測量。	100M min 100兆歐以上。
3.3 WITHSTAND VOLTAGE 耐電壓	AC500V(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AC500V條件下，持續1分鐘測量。	There shall be no breakdown 無擊穿現象。
4.MECHANICAL CHARACTERISTICS 機械性能		
4.1 INSERTION AND WITHDRAW 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試	Insertion and extraction force 3~20 N, 插拔力3-20N
4.2 TERMINAL STRENGTH 端子強度	A static force of 500gf being applied in one directionon the top 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 mechanical and electrically. 無任何迹象顯示機械及電器性能之損壞。



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5.DURABILTY 耐 久 性

5.1	SOLDERING TEST 可韓性試驗	The top of terminals shall be dipped 2mm in the loder bath at a temperature of $230\pm 5^{\circ}\text{C}$ for 3sec. 端子頂部被浸入韓池2mm深，溫度 $230\pm 5^{\circ}\text{C}$ 時間3秒。	A new un form coating of shall cover above 75% of the surface being immersed. 浸入的部分75%以上表面將被錫覆蓋。
5.2	LIFE TEST 壽命試驗	5000 cycles of operation at rate of 20-30 cycles per minture with unloading. 無負載條件下，每分鐘20—30次的速度操作5000次。	(1) Contactresistance.40m Ω max 接觸阻抗40毫歐 以下 (2) Drive fore 30 inital value 動作力變化範圍初始值 30 (3) ITEM專案—3.2 (4) ITEM專案—3.3 (5) INEM—4.2
5.3	HEAT TEST 耐熱試驗	$80\pm 2^{\circ}\text{C}$ for 48 hours after test keep in normal condition for 30minutes. 在 $80\pm 2^{\circ}\text{C}$ 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 50m max.接觸電阻50毫歐 以下 (2) Insulation resistance 50M min 絕緣電阻100兆歐 Ω 以上
5.4	HUMIDITY TEST 耐濕試驗	The condition of temperature $40\pm 2^{\circ}\text{C}$ and humidity 90-95%for 48 hours after test keep in normal condition for 30 min.在 $40\pm 2^{\circ}\text{C}$ 90—95 % Rh環境中放 48 小時，再放在正常環境中30分鐘後進行測試。	(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。
5.5	COLD TEST 耐冷試驗	At $-30\pm 2^{\circ}\text{C}$ for 48 hours,after test keep in normal condition for 30 min.在 $-30\pm 2^{\circ}\text{C}$ 環境中放48小時，再置於正常環境中30分鐘後進行測試。	