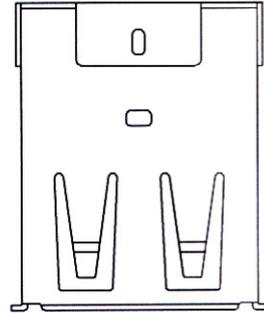
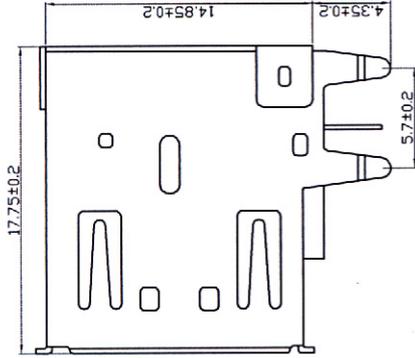
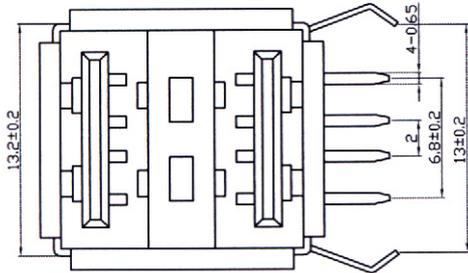
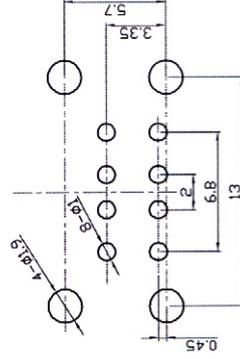


USB-110



Model No.	
Schematic	



技术要求:

未注公差按一般公差
线性尺寸的未注公差
差GB/T1804-2000m级。

USB-110

插座

浙江佳宝科技电子有限公司

旧底图总号

底图总号

日期

签字

标记	处数	更改文件号	签字	日期
设计	2	2010-11-4	周晓海	2010-11-4
校对		标准		
审核		批准		
工艺		日期		

重量

比例

图样标记

第 张

共 张

张

张

张

JIA BAO SECIENCE & TECHNOLOGY ELECTRONICS CO., LTD

佳宝科技电子有限公司

SPECIFICATION 规格书

MODEL NO.

产品名称: USB-110

DRAWN 编制

APPD. 审批

1. RATING 额定值: DC 30V 1.0A

2. CONSTRUCTION DIMENSION 结构尺寸:

CONFORM TO THE APPENDED RAWING:
符合附加图纸

3. ELECTRICAL PERFORMANCE (电气性能规格):

ITEM 项目		TEST CONDITIONS 测试条件	SPECIFICATION 规格
3 A	CONTACT RESISTANCE 接触电阻	Being measured at 1khz small current contact resistance meter. 在 1KHZ 小电流下测量	30mΩ max 30 毫欧以下.
3 B	INSULATION RESISTANCE 绝缘电阻	Apply a voltage of 500V DC for 1 min, test in the following way:: (1) Between body and conductors. (2) Between non-touch conductors. (3) Between conductors non-touched when plug is inserted. 输入 500V DC 电压 1 分钟, 按以下接触方法测试: (1) 插座体与排脚之间 (2) 不接触的排脚之间 (3) 插头插放时不接触排脚之间.	100MΩ min 100 兆欧以上.
3 C	DIELECTRIC STRENGTH 耐电压	Apply a voltage of 750V (50-60HZ) for 1 min, the trip current :0.5mA, test would be made in the following way: (1) Between body and conductors. (2) Between non-touched conductors. (3) Between conductors non-touched when the plug is inserted. 输入 AC 750V (50-60HZ) 电压, 1 分钟感度电流为 0.5 mA, 按以下接触方法测试: (1) 插座体与排脚之间 (2) 不接触的排脚之间 (3) 插头插放时不接触排脚之间.	There shall be no breakdown. 无击穿现象出现.

4. MECHANICAL PERFORMANCE (机械性能规格)

ITEM 项目		TEST CONDITIONS 测试条件	SPECIFICATION 规格
4 A	INSERTION AND WITHDRAW FORCE 插拔力	Being measure at across spring piece and across matching plug for ergometer 用测力计在插头与弹片之间进行测量.	Insertion and extraction force 7-40N 插拔力 7-40N
4 B	TERMINAL STRENGTH 端子强度	A static load of 500 gf shall be applied on the terminals for 1 min in any direction. 在任意一个方向的先端加上 (500gf) 力度测试, 时间为 1 分钟.	There shall be no damage to the terminals such as cracks, looseness or abnormity. electrical and mechanical performance should be satisfied. 在排脚中没有裂开, 松动等, 异常, 满足于机械, 电气性能.

5. ENDURANCE CHARACTERISTICS (耐久性):

ITEM 项目		TEST CONDITIONS 测试条件	SPECIFICATION 规格
5 A	SOLDERABILITY TEST 可焊性试验	The tip of the terminals shall be dipped 2mm in the solder bath at a temperature of 250±5℃ for 3±0.5sec. 端子顶部被浸入焊锡池 2mm 深, 温度 250±5℃ 时间 3±0.5 秒.	The area of soldering should over 90% 焊接面积要有 90% 以上.

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 SPECIFICATION 规格书

5 B	PESISTANCE TO SOLEDRING HEAT TEST 耐焊性试验	Solder bath method: Solder bath temperature $260\pm 5^{\circ}\text{C}$ immersion time: 3 ± 0.5 sec, immersion depth up to the surface of the board thickness of printed wiring board 1mm dimensions of the component holes in the printed wiring board shall be in accordance with. 焊炉焊接的时候温度控制在 $260\pm 5^{\circ}\text{C}$, 过炉时间为 3 ± 0.5 秒, 于基板厚为 1.6mm	There shall be no distortion of the switch, mechanical and electrical performance shall be satisfied. 本体无变形, 满足于机械、电气性能.
5 C	COLD TEST. 耐冷试验	The switch shall be stored at a temperature of $-25\pm 3^{\circ}\text{C}$ for 96 hours and then it shall be subjected to the controlled recovery conditions for 1 hour after which measurement shall be made. 放置在温度 $-25\pm 3^{\circ}\text{C}$ 中 96 小时后, 再放置常温常湿中 1 小时来测定	There shall be no damage on appearance. mechanical and electrical performance shall be satisfied. 外观无异常, 满足于机械、电气性能.
5 D	HEAT TEST. 耐热试验	The switch shall be stored at a temperature of $85\pm 2^{\circ}\text{C}$ for 96 hour .and then it shall be subjected to the controlled conditions for 1 hour after which measurement shall be made. 放置在温度 $85\pm 2^{\circ}\text{C}$ 中测试 96 小时后, 再放置正常室温 中 1 小时来测定.	
5 E	HUMIDITY TEST. 潮湿试验	The switch shall be stored t 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 atmosphere condition for 1 hour after which the measurement shall be made. 放置 $40\pm 2^{\circ}\text{C}$ 的相对湿度为 90%~95%环境中 96 小时后, 再将样板放在正常环境 1 小时后进行测试.	
5 F	SALT SPRAY TEST 盐雾试验	Immerge it into 5% NACL test box, continuously spray for 16 hours, get it out after 8 hours, wash it by clean water. 放入 5%NACL 的试验箱中, 连续喷雾 16 小时, 放置 8 个小时, 取出并用水清洗。	
5 H	Pfpractical temperature range: 使用温度范围: Preservative temperature range: 保存温度范围:		$-30\sim 90^{\circ}\text{C}$ $-40\sim 105^{\circ}\text{C}$

6. STANDARD CONDITION 试验、测定状态

The standard range of temperature, humidity, air pressure are the following except specified situation:

(1)Temperature: $5^{\circ}\text{C} - 35^{\circ}\text{C}$

(2)Humidity: 45% - 85%

(3) Air pressure: 86kpa - 106 kpa

在没有指定的情况下测试温度、湿度、气压如下:

(1)温度为 $5^{\circ}\text{C} - 35^{\circ}\text{C}$

(2)湿度为 45% - 85%

(3)气压为 86KPA - 106 KPA