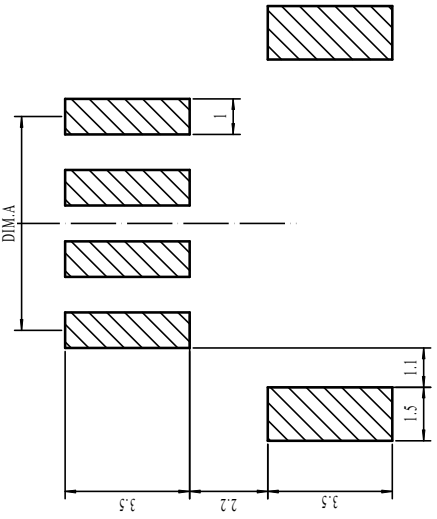
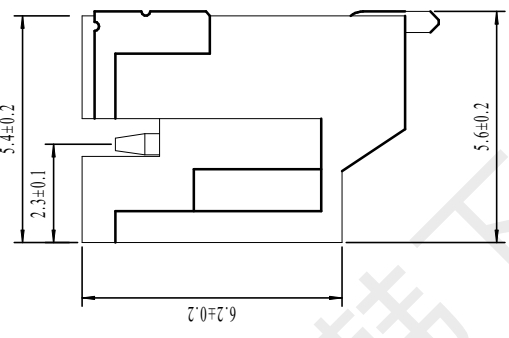
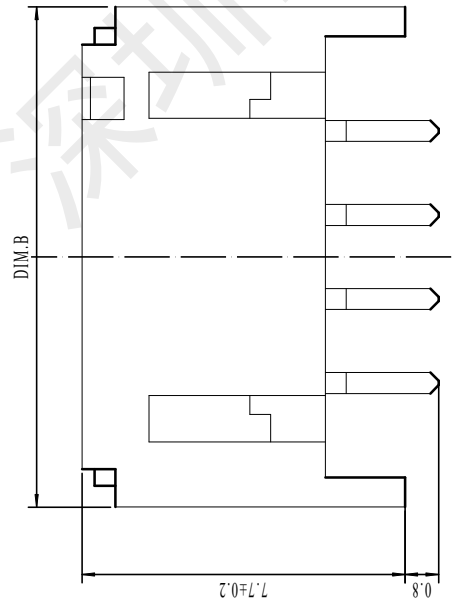


REV.	EC#	DESCRIPTION	DATE	DRAWN	CHECK	APPROVED
1.00		初版发行				

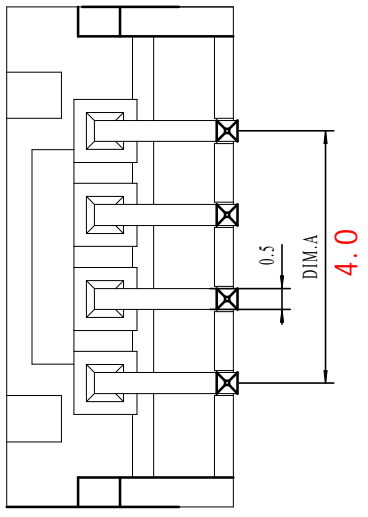
9.9



Recommended PCB Layout
TOLERANCE:±0.05mm

2.0贴片式贴片	DIM.A.(mm)	DIM.B.(mm)
2.0WT-2P	2.0mm	7.90mm
2.0WT-3P	4.0mm	9.90mm
2.0WT-4P	6.0mm	11.90mm
2.0WT-5P	8.0mm	13.90mm
2.0WT-6P	10.0mm	15.90mm
2.0WT-7P	12.0mm	17.90mm
2.0WT-8P	14.0mm	19.90mm
2.0WT-9P	16.0mm	21.90mm
2.0WT-10P	18.0mm	23.90mm
2.0WT-11P	20.0mm	25.90mm
2.0WT-12P	22.0mm	27.90mm
2.0WT-13P	24.0mm	29.90mm
2.0WT-14P	26.0mm	31.90mm
2.0WT-15P	28.0mm	33.90mm
2.0WT-16P	30.0mm	35.90mm
2.0WT-17P	32.0mm	37.90mm
2.0WT-18P	34.0mm	39.90mm
2.0WT-19P	36.0mm	41.90mm
2.0WT-20P	38.0mm	43.90mm

温度范围: -25°C~85°C
额定电压: 250V AC/DC
额定电流: 2A
绝缘电阻: ≥1000MΩ
耐压: 800V AC/minute



NO.	NAME	Q'TY	DESCRIPTION
3	FITTING NAIL	2 PCS	材质:黄铜,电镀:镀亮镍60u"MIN
2	PIN	n PCS	材质:黄铜,电镀:镀亮镍60u"MIN
1	Housing	1 PCS	材质:LCP (UL94V-0),颜色:本色或黑色

深圳市韩下电子有限公司



GENERAL TOLERANCES		
DIM	TOL	DIM DEG
X	X°	+3.00°
XX	±0.15	+2.00°
XXX	±0.25	+1.00°
XXXX	±0.15	+1.00°

DRAW :	李春风	2020-05-20	TITLE:	HX 2.0-3P WT	DRAW NAME:	针座
DESIGN:			SERIES:		DRAW NO.	
CHECK:	钟华华	2020-05-20	P/N:		UNIT:	mm
APPROVED	罗孝金	2020-05-20	REV.	1.00	SCALE	N/A
CUSTOMER DRAWING						

- 技术要求:
- 1) 材质:见附表;
 - 2) 电镀:见附表;
 - 3) 塑件表面平整、光洁、无毛刺、气泡、烧焦、变形、浇口无拉伤、多料或缺料等不良现象;
 - 4) 端子表面无氧化、电镀不良等现象。

REV.	EC#	DESCRIPTION	DATE	DRAWN	CHECK	APPROVED
1.00		初版发行				



深圳市韩下电子有限公司

Shenzhen Hanxia Electronic Co., Ltd
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承 认 书

SPECIFICATION FOR APPROVAL

客 户 Customer:

产品名称 Project:

针座

规格型号 Part No:

HX 2.0-3P WT

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	

1、SCOPE: (适用范围)

1.1 This specification covers production and inspection of Connector.

本规范内容适用于本公司普通系列型条形连接器（针座）产品的生产与检验。

2、USE CONDITION: (使用条件)

2.1 Ambient temperature Range:-20℃~+85℃

环境温度：-20℃~+85℃

2.2 Applicable PC board thickness:1.2~1.6mm

适用 PC 板厚度：1.2~1.6 mm

3、Appearance and Dimension: (外观及尺寸)

3.1 Appearance:Product surface without defect、dirt、crack、and mechanical damang, Contact without rust,plating not oxided and not peeled.

产品表面不应有对制品有害的缺陷、污垢、裂痕及机械损伤；接触件无锈蚀、镀层氧化、脱落等现象。

3.2 Dimension:According to drawings

外形尺寸：依照附图

3.3 Exchangable:Exchangable with same specification products.

互换性：相同规格应能互换

4、Material:

材 料

P/N 零件名称	Type 类 型	Material 材 料	Finish 表面处理	Expiain 说 明
Terminal 端子	Contact 插 簧	Phosphor bronze 锡青磷铜 厚 0.15mm	Tin Plating:3~4 μ m 镀锡：3~4 μ m	RoHS Comp liant
Housing 孔 座	Plastic 塑 壳	Nylon66 UL94V-0	Color:White 颜色：白色	
OpeningWafer 开口针座	Contact 插 针	Phosphor bronze 锡青磷铜 厚 0.30mm	Tin Plating:3~4 μ m 镀锡：3~4 μ m	
	Plastic 塑 壳	Nylon46 UL94V-0	Color: Beige 颜色：米色	
Lips Wafer 闭口针座	Contact 插 针	Phosphor bronze 锡青磷铜 厚 0.30mm	Gold Plating:3~4 μ " m 镀金：3~4 μ " m	
	Plastic 塑 壳	PBT UL94V-0	Color: White 颜色：白色	
Tiepian Wafer 卧贴针座 立贴针座	Contact 插 针	Phosphor bronze 锡青磷铜 厚 0.30mm	Tin Plating:3~4 μ m 镀锡：3~4 μ m	
	Solder tabs 焊护耳	Phosphor bronze 锡青磷铜 厚 0.25mm	Tin Plating:3~4 μ m 镀锡：3~4 μ m	
	Plastic 塑 壳	Nylon46 UL94V-0	Color: Beige 颜色：米色	

5、Electrical Performance:

电气性能

NO. 序号	Item 项目	Requirement 技术要求
5.1	Voltage Rated 额定电压	250V AC DC
5.2	Current Rated 额定电流	2A AC DC
5.3	Contact Resistance 接触电阻	$\leq 20 \text{ m}\Omega$
5.4	Insulation Resistance 绝缘电阻	$\geq 1000 \text{ M}\Omega$
5.5	Dielectric Strength 耐压	$\geq 800 \text{ V AC/minute}$

6、Mechanical Performance:

机械性能

NO. 序号	Item 项目	Requirement 技术要求
6.1	Male contact Retention force PIN 针固定力	$\geq 15 \text{ N}$ per pin
6.2	Female contact Retention force 端子固定力	$\geq 15 \text{ N}$ per pin
6.3	Plug-in force 插入力	$\leq 3 \text{ N}$ per pin
6.4	Plug-out force 拔出力	$\geq 0.5 \text{ N}$ per pin

7、Endurance Characteristics:

环境性能

NO. 序号	Item 项目	Requirement 技术要求
7.1	Soldering rest 可焊性	Time: $2.5 \pm 0.5 \text{ S}$ 时间: $2.5 \pm 0.5 \text{ S}$ Temperature: $260 \pm 5^\circ \text{C}$ 温度: $260 \pm 5^\circ \text{C}$ Area of Soldering: $\geq 95\%$ 焊锡面积: $\geq 95\%$
7.2	Resistance to soldering Heat 耐焊接热	Time: $5 \pm 1 \text{ S}$ 时间: $5 \pm 1 \text{ S}$ Temperature: $260 \pm 5^\circ \text{C}$ 温度: $260 \pm 5^\circ \text{C}$ Appearance: NO Damage 外观: 无损坏

7.3	<p>Heat test 耐热性</p>	<p>Time:96h 时间: 96 小时 Temperature:+85±3℃ 温度: +85±3℃ Appearance:NO Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20 mΩ</p>
7.4	<p>Cold test 耐冷性</p>	<p>Time:48h 时间: 48 小时 Temperature:-25±3℃ 温度: -25±3℃ Appearance:NO Damage 外观: 无损坏 Contact resistance:≤20 mΩ 接触电阻: ≤20 mΩ</p>
7.5	<p>Temperature Cycling 温度循环</p>	<p>Low temperature:-25±3℃ 低温: -25±3℃ High temperature:85±3℃ 高温: 85±3℃ For 5 cycles.test after keeping in Normal Condition for 30 min. 5 次循环后, 放置在正常环境中 30 分钟, 在进行测试 Appearance: NO Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20mΩ</p>
7.6	<p>Invariab lenes humidity 恒定湿热</p>	<p>Temperature:60±2℃ 温度: 60±2℃ Relative humidity:90%-96% RH 相对湿度: 90%-96% RH Tim:96h 时间: 96 小时 Appearance:NO Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20 mΩ Insulation Resistance: ≥100MΩ 绝缘电阻: ≥100 MΩ</p>
7.7	<p>Salt Spray 盐雾试验</p>	<p>Salt concentration: 5±1% 浓度: 5±1% Temperature:35±2℃ 温度: 35±2℃ Tim:16±2h 时间: 16±2 小时 After salt is removed by running wafer and A drop is removed ,it is measured. 把试验样品从试验箱顶悬挂下来, 采用浓度 (5±1) %的氯化钠溶液, 连续雾化 16 小时, 试验后用流动的蒸馏水 轻轻洗去表面沉积物, 在常温常驻湿条件下恢复 1-2 小时, 外观无损伤 Appearance:NO Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20 mΩ</p>