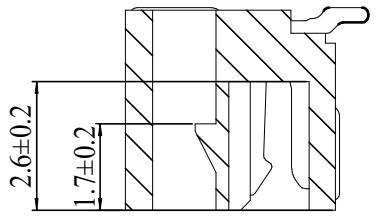
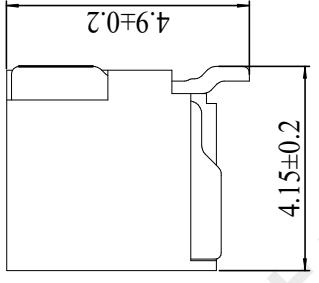


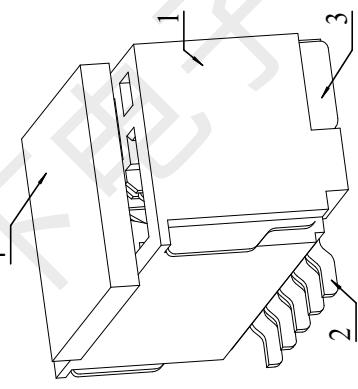
REV.	EC#	DESCRIPTION	DATE	DRAWN	CHECK	APPROVED
1.00		FIGURE 1	2021-03-22			



A-A



415+(



An architectural elevation drawing of a building section. The drawing features a central vertical line representing a wall or column. To the right of this line, a vertical stack of rectangular blocks represents a staircase or a series of rooms. A horizontal dashed line extends from the left side of the drawing across the central vertical line to the right side, intersecting the vertical stack of blocks. At the bottom of the drawing, there is a rectangular base with a horizontal dimension line indicating a width of 7'0" x 60'0".

The technical drawing shows a rectangular part with a central vertical slot. The width of the central slot is labeled 0.2 ± 0.05 . The overall width of the part is labeled $DIM.A \pm 0.2$. The overall height of the part is labeled $DIM.B \pm 0.2$. The drawing includes several small rectangular features and a central vertical line.

◎ 韩下 HANXIA 深圳市韩下电子有限公司					
NO.	NAME	QTY	DESCRIPTION	DRAW NAME:	
1	Housing	1 PCS	材质:磷青铜, 电镀:镍亮锡60μ”MIN	HX-6H1.25-6PLT	
2	PIN	n PCS	材质:磷青铜, 电镀:镍亮锡60μ”MIN	DRAW NO.	
3	FITTING NAIL	2 PCS	材质:磷青铜, 电镀:镍亮锡60μ”MIN	UNIT: mm	
4	Cap	1 PCS	材质:1.CCP (UL94V-0), 颜色:本色或黑色	SHEET: 1/1	

适应基板厚度: 1.2mm~1.6mm
温度范围: -25°C~85°C
额定电压: 125V AC/DC
额定电流: 1A
接触电阻: $\leq 0.02\ \Omega$
绝缘电阻: $\geq 100M\ \Omega$
耐压: 500V AC/minute

技术要求：

- | | |
|---------------------------------------------|-------------------------|
| 1) 材质: 见附表; | 接触电阻: $\leq 0.02\Omega$ |
| 2) 电镀: 见附表; | 绝缘电阻: $\geq 100M\Omega$ |
| 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; | 耐压: 500V AC/minute |
| 4) 端子表面无氧化、电镀不良等现象。 | |

GENERAL TOLERANCES			
DIM	TOL	DIM	DEG
X.		X°.	±3.00°
X.X	±0.35	X.X°	±2.00°
X.XXX	±0.25	X.XXX°	±1.00°
X.XXXX	±0.15	X.XXXX°	



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Shenzhen Hanxia Electronic Co., Ltd
Tel: 0755-23086569

承 认 书

SPECIFICATION FOR APPROVAL

产品编码

Material code:

产品名称 Project:

针座

规格型号 Part No:

HX-GH1.25-6PLT

贵公司承认印 Approval signatures

料号/Part No.	签章/Signatures

日期 Date:

拟制/Drawn	黄彬	
审核/Check	张伟	
批准/Approved	罗小春	



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:-25°C~+85°C

环境温度: -25°C~+85°C

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 oxidized 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 (以图纸为准)

P/N 零件名称	Type 类 型	Material 材 料	Finish 表面处理	Explain 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 Compliant
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	RoHS Compliant
	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	RoHS Compliant
	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	RoHS Compliant
	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、Electriacal Performance:

电气性能

NO. 序号	Item 项目	Requirement 技术要求
5.1	Voltage Rated 额定电压	125V AC DC
5.2	Current Rated 额定电流	1A AC DC
5.3	Contact Resistance 接触电阻	$\leq 20 \text{ m}\Omega$
5.4	Insulation Resistance 绝缘电阻	$\geq 100 \text{ M}\Omega$
5.5	Dielectric Strength 耐压	$\geq 500 \text{ V AC/minute}$

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 contactRetention 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: $250 \pm 5 \text{ }^\circ\text{C}$ 温度: $250 \pm 5 \text{ }^\circ\text{C}$ 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: $250 \pm 5 \text{ }^\circ\text{C}$ 温度: $250 \pm 5 \text{ }^\circ\text{C}$ Appearance: No Damage 外观: 无损坏



7. 3	Heat test 耐热性	Time:96h 时间: 96 小时 Temperature:+85±3°C 温度: +85±3°C Appearance:N0 Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20 mΩ
7. 4	Cold test 耐冷性	Time:48h 时间: 48 小时 Temperature:-25±3°C 温度: -25±3°C Appearance:N0 Damage 外观: 无损坏 Contact resistance:≤20 mΩ 接触电阻: ≤20 mΩ
7. 5	Temperature Cycling 温度循环	Low temperature:-25±3°C 低温: -25±3°C High temperature:85±3°C 高温: 85±3°C 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: N0 Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20mΩ
7. 6	Invariab lenes humidity 恒定湿热	Temperature:60±2°C 温度: 60±2°C Relative humidity:90%-96% RH 相对湿度: 90%-96% RH Tim:96h 时间: 96 小时 Appearance:N0 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
7. 7	Salt Spray 盐雾试验	Salt concentration: 5±1% 浓度: 5±1% Temperature:35±2°C 温度: 35±2°C 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:N0 Damage 外观: 无损坏 Contact resistance: ≤20 mΩ 接触电阻: ≤20 mΩ