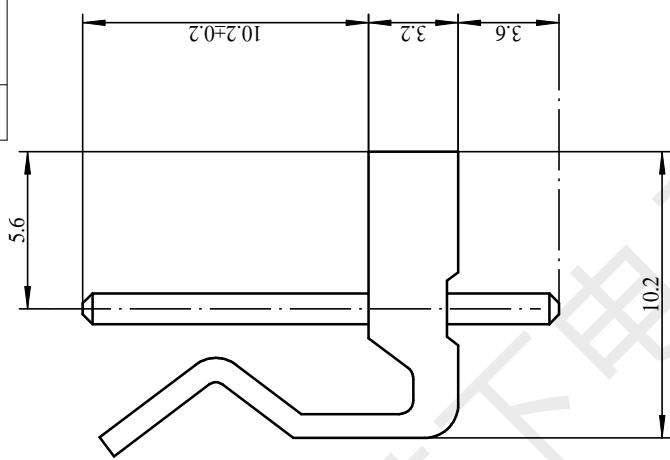
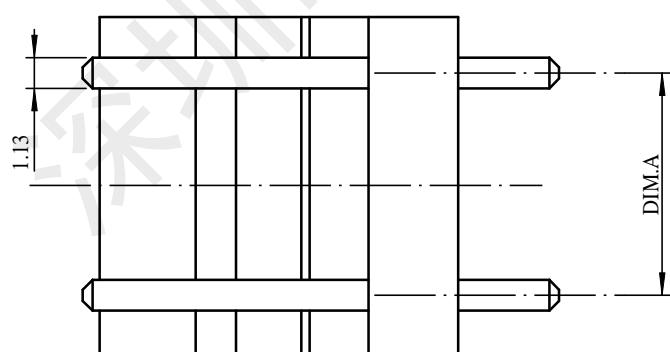


0	1	2	3	4	5	6	7	EC#	REV.
								初版发行	1.00
								2018-05-28	



适应基板厚度：1.2mm~1.6mm

温度范围：-25°C~85°C

额定电压：250V AC/DC

额定电流：7A

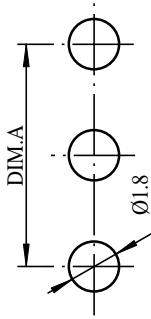
接触电阻：<0.01Ω

绝缘电阻：>1000MΩ

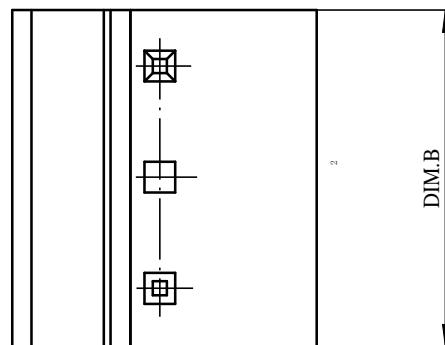
耐压：1500V AC/minute

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。



PCB LAYOUT



 深圳市韩下电子有限公司

DRAW NAME:

针座

G

DRAW : 黄彬		TITLE: HX CH3. 96-8P ZZ	
DESIGN:		DRAW NO.:	
CHECK: 张伟		SERIES: 1501 SERIES	
APPROVED: 罗小春		P/N: 2018-04-22	
CUSTOMER DRAWING		REV. 1.00 SCALE N/A	

GENERAL TOLERANCES		DRAW NAME:	
DIM	TOL	DIM	DEG
X.		X''	±30°
X.X	±0.15	X.X''	±20°
X.XX	±0.25	X.XX''	±10°
X.XXX	±0.15	X.XXX''	±10°

GENERAL TOLERANCES		DRAW NAME:	
DIM	TOL	DIM	DEG
X.		X''	±30°
X.X	±0.15	X.X''	±20°
X.XX	±0.25	X.XX''	±10°
X.XXX	±0.15	X.XXX''	±10°

GENERAL TOLERANCES		DRAW NAME:	
DIM	TOL	DIM	DEG
X.		X''	±30°
X.X	±0.15	X.X''	±20°
X.XX	±0.25	X.XX''	±10°
X.XXX	±0.15	X.XXX''	±10°



® 深圳市韩下电子有限公司
Shenzhen Hanxia Electronic Co., Ltd
Tel: 0755-33819206 Fax: 0755-27597491

承 认 书

SPECIFICATION FOR APPROVAL

客 户 Customer:

产品名称 Project:

针座

规格型号 Part No:

HX CH3.96-8P ZZ

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	250V AC DC
5.2	Current Rated 额定电流	7A AC DC
5.3	Contact Resistance 接触电阻	$\leq 10 \text{ m}\Omega$
5.4	Insulation Resistance 绝缘电阻	$\geq 1000 \text{M}\Omega$
5.5	Dielectric Strength 耐压	$\geq 1500 \text{V AC/minute}$

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	$\geq 10 \text{N per pin}$
6.2	Female contactRetention force 端子固定力	$\geq 10 \text{N per pin}$
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	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