

深圳市灿科盟实业有限公司

SHENZHEN CANKEMENG INDUSTRIAL CO. LTD

承 认 书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER	
品 名 DESCRIPTION	2.0 排针单排直针系列
料 号 CUSERTOMER PART NO	B-2100NXXP-B211
日 期 DATE	

客户确认 (APPROVED SIGNATURES)

核准 (APPROVAL)	工程 (ENGINEERING)	品管 (QC)

承认结果： 承认 不承认 重新送样

深圳市灿科盟实业有限公司

SHENZHEN CANKEMENG INDUSTRYCO. LTD

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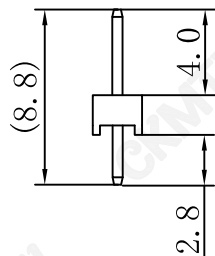
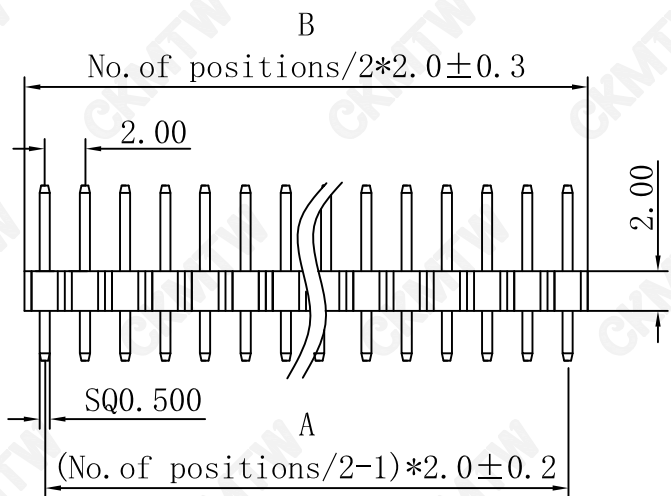
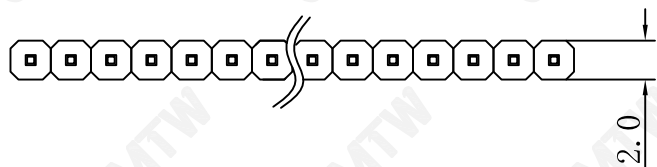
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生产基地：

江西灿科盟电子有限公司

JIANGXI CANKEMENG ELECTRONICS CO. LTD

公司地址 (Company address)：江西省九江市修水县渣津镇朴田
工业区



Specification

Insulator Material: Polysetr,UL94V-0
Standard:PA6T

Contact Material: Brass

Current Rating : 1.5Amp

Contact Resistance:20 Milliohms Max

Insulation Resistace : 1000MΩ Min.

Dielectric withstanding Voltage:AC 500V

Operation Temperature : -40°C -- +105°C

Poles	PART NO.	Dimension mm	
		A	B
1*2	B-2102S02P-A120	2.00	4.00
1*3	B-2102S03P-A120	4.00	6.00
1*4	B-2102S04P-A120	6.00	8.00
1*5	B-2102S05P-A120	8.00	10.00
1*6	B-2102S06P-A120	10.00	12.00
1*7	B-2102S07P-A120	12.00	14.00
1*8	B-2102S08P-A120	14.00	16.00
1*9	B-2102S09P-A120	16.00	18.00
1*10	B-2102S10P-A120	18.00	20.00
...
1*40	B-2102S40P-A120	78.00	80.00

TOLERANCE TABLE	
.0	±0.20
.00	±0.10
.000	±0.05

APPROVED:	DATE:	Ckmtw 深圳市灿科盟实业有限公司 CHANKEMENG INDUSTRYCO.,LTD			
CHECKED:	DATE:	TITLE: 210-2S-1*XP L=8.8mm			
DRAWN: LYF	DATE: 2008-09-27	Part No.	B-2102SXXP-A120		
		UNIT	mm	SCALE	free
		FILE NO.	Ckmtw-210-20002	REV.	A

深圳市灿科盟实业有限公司

产品规格书

PRODUCT SPECIFICATION

2.0mm Pin Header SERIES

内容：此规格书包含 2.0mm 排针接插件系列。

Scope: This specification covers the 2.0mm Pin Header spacing Connector series.

Index:	Page
1. 产品名称及料号/Product name and part number	2
2. 额定电压电流/Ratings	2
3. 特性测试/Performance	
3-1.电气特性/Electrical performance	2
3-1-1.接触阻抗/Contact resistance	2
3-1-2.绝缘阻抗/Insulation resistance	2
3-1-3.高压测试/Dielectric strength	2
3-2.机械特性/Mechanical performance	
3-2-1.整组插拔测试/Insertion force and withdrawal force	2
3-2-2.单 PIN 插入力/ Pin Insertion force	2
3-2-3.单 PIN 保持力/Pin retention force	2
3-3.环境特性测试/Environmental performance and others	
3-3-1.整组插拔测试后接触阻抗/Repeated insertion/withdrawal	3
3-3-2.盐水喷雾测试/Salt spray	3
3-3-3.沾锡性测试/Solderability	3
3-3-4.焊热性测试/Resistance to soldering heat	3
3-3-5 寿命测试/Life Test	3
4. 产品规格尺寸及材质/Product shape, dimensions and materials	3

Note::以上测试视公司之测试条件/能力而定。

FILE NO	ENS016	APPROVAL	CHECK	DRAWING
ECR/N NO	New spec			

1. 产品名称及料号/Product name and part number

Product Name	Part Number
Name 名称	210-2S-1*XP (单排直针) 210-2R-1*XP (单排弯针) 210-2S-2*XP (双排直针) 210-2R-2*XP (双排弯针) 210-2SMT-1*XP (单排贴面) 210-2SMT-2*XP (双排贴面)

2. 额定电压电流及使用温度范围/Ratings and Ambient Temperature

ITEM	STANDARD
Rated Voltage(Max) 额定电压	/
Rated Current(Max) 额定电流	1.5A
Ambient Temperature 使用温度范围	-40°C -+105°C

3. 特性测试/Performance

3-1. 电气特性/Electrical performance

ITEM	Test condition	Requirement
3-1-1 Contact Resistance 接触阻抗	Mate connectors, reassure by dry circuit ,20mV MAX,10mv.(Based upon JIS C5402 5.4) 将公母对插，二头接上微电流电压测试。	0.02 欧 (MAX)
3-1-2 Insulation resistance 绝缘阻抗	Mate connectors, apply 500V DC between adjacent terminal or ground. (Based upon JIS C5402 5.2/MIL-STD-202 method 302 condition B) 将公母对插，二头接上电压测试	1000 兆欧 (MIN)
3-1-3 Dielectric strength 高压测试	Mate connectors, apply 500V AC for 1 minute between adjacent terminal or ground. (Based upon JIS C5402 5.1/MIL-ST-202 Method 301) 将公母对插，相邻的二支端子接上高压测试	No breakdown and flashover 没有损坏/没有电弧产生

3-2. 机械特性/Mechanical performance

ITEM	Test condition	Requirement
3-2-1 Insertion force and withdrawal force 整组插拔测试	Insert and withdraw connectors at the speed rate of 25±3mm/minute 公母对插插拔 30 次，机器行走速度 25±3mm/分钟。	插入力:0.2 kg/Pin (MAX) 拔出力:0.02 kg/Pin (MIN)
3-2-2 Pin Insertion force 单 PIN 插入力	Insert the crimped terminal into the connectors 将铜针插入塑胶内，测试插入值	2.0kg/Pin (MAX)

3-2-3	Pin retention force 单 PIN 保持力	Apply axial push force at the speed rate of 25±3mm/minute. 将铜针从塑胶中拔出，测试拔出值	0.5kg/Pin MIN
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3-3.环境特性测试/Environmental performance and others

ITEM		Test condition	Requirement	
3-3-1	Repeated insertion/ withdrawal	When mated up to 30 cycles repeatedly by the rate of 10 cycles per minute 三十次插拔后，测量接触阻抗	Contact Resistance 接触阻抗	40mΩ MAX
3-3-2	Salt spray 盐水测试	24 hours exposure to a salt spray from the 5±1% solution at 35±2°C.(Based upon JIS C5402/MIL-STD-202method 101D conditions. B) 时间 24 小时，盐水体比例 5±1%，温度 35±2°C。	Appearance	No Damage
			Contact Resistance	40mΩ MAX
3-3-3	Solderability 沾锡性测试	Soldering time:3±0.5sec, solder temperature:230±5°C 时间：3±0.5 秒， 温度：230±5°C	95%以上沾锡面积	
3-3-4	Resistance to soldering heat 焊热性测试	Soldering time:5±1sec, solder temperature:260±5°C 时间：5±1 秒， 温度：260±5°C	No Damage 外观没有影响	
3-3-5	Life Test 寿命测试	500 cycles 500 次	No Damage 外观,功能没有影响	

4. 产品规格尺寸及材质/Product shape, dimensions and materials

(见附件图纸)