

YUEQING HONGYI ELECTRONICS CO., LTD
乐清市宏一电子有限公司

SPECIFICATION FOR APPROVAL

承 认 书

CUSTOMER 客户名称	
DESCRIPRION 产品名称	5557 (5569) 系列连接器
ITEM NO 编 号	HY-A42002 (A121-122)
DATE 日 期	2022-12-09

CUSTOMER ACKNOWLEDGEMENT SEAL

客 户 承 认 印 签

(APPROVAL) 核准	(ENGINEERING) 工程	(PURCHASE) 采购	(QUALITY) 品质
承认结果： ☐ 通过 ☐ 不通过 ☐ 重新送样			

IS09001 IS014001 IS045001 IATF16949 体系认证

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产 品 承 认 书 目 录

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修订履历

[illegible]

PRODUCT SPECIFICATION

产 品 规 范

1、Scope

适用范围

This specification includes the following specifications, including the specification of 4.20mm pitch 5557(5569) series connector

本规范包括下列此种规格包括 4.20mm Pitch 5557(5569)系列连接器规格说明

2、Appearance and Dimension

外观及尺寸

2.1 Appearance:Product surface without defect、dirt、crack、and mechanical damang,Contactwithout 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

2.2 Dimension:According to drawings

外形尺寸：依照附图

3、Disposal of Material and surface

材料与表面处理

Specification 规格内容		Material 材 质	Finish 表面处理	Environmental protection grade 环保等级
Terminal 端 子(公、母)		Phosphor bronze 磷铜 厚 0.20mm	Tin Plating:2.5~5 μ m 镀锡： 2.5~5 μ m	RoHS2.0
Housing 胶 壳(公、母)		PA66 UL94V-2	Color: White 颜色： 白色	
Wafer 单排针座	Plastic 塑 壳	PA66 UL94V-2	Color:White 颜色： 白色	
	Contact 插 针	Brass 黄铜 厚 1.14mm	Tin Plating:2.5~5 μ m 镀锡： 2.5~5 μ m	
Wafer 双排针座	Plastic 塑 壳	PA66 UL94V-2	Color:White 颜色： 白色	
	Contact 插 针	Brass 黄铜 厚 1.14mm	Tin Plating:2.5~5 μ m 镀锡： 2.5~5 μ m	

4、Ratings and applicable wires

额定等级

Item 项 目	Standard 规 格
Rated Voltage 额定电压	600V AC/DC
Rated Current 额定电流	7A AC/DC
Ambient temperature Range 使用温度范围	-25℃- +85℃
Applicable wire insulation 适用线径	AWG20#-26#

5、Electrical Performance

电 气 性 能

N0. 序号	Ltem 项 目	Test mode 试验方法	Requirement 技术要求
5.1	ContactResistance 接触电阻	Male female cooperation, open voltage less than 20mV, current 100mA detection connector at both ends 公母配合, 开放电压20mV 以下, 电流100mA 检测连接器连接器两端	Initial:20mΩ Max 初始: 20mΩ Max After Test: 30mΩ Max 试验后: 30mΩ Max
5.2	withstandvoltage 耐电压	Mate connectors, apply 1500V AC for 1 minute between adjacent terminal or ground 公母配合, 在相邻端子, 端子与地片之间, 使用1500V 的交流电1 分钟, 检测连接器	No Breakdown and Flashover 外观无损伤, 无打火花
5.3	InsulationResistance 绝缘电阻	Mate connectors, apply 500V DC between adjacent terminal or ground 公母配合, 在相邻端子, 端子与地片之间, 使用500V 的直流电, 检测连接器	1000MΩ Min

6、机械性能

Mechanical Performance

N0. 序号	Ltem 项 目	Test mode 试验方法		Requirement 技术要求
6.1	Terminal crimping wire strength 端子压接导线强度	Fix the crimped terminal, apply axial pull out force on thewire 固定铆线后的端子，使电线与端 子分离时所需的最小力量	AWG#20 wire AWG#20 导线	60N Min
			AWG#22 wire AWG#22 导线	40N Min
			AWG#24 wire AWG#24 导线	30N Min
			AWG#26 wire AWG#26 导线	20N Min
6.2	Terminal/ Housing Retention Force 端子保持力	Apply axial pull out force at the speed rate of25.4±3mm/minute on the terminal assembled in the Housing 以每分25.4±3mm 的速率,将端子从Housing 内轴 向拔出力		Per contact: 30N Min 单一接触点: 30N Min
6.3	Insertion & withdraw Force 插拔力	Insert and withdraw Connectors at the speed rate of 25.4±3mm/minute 以每分 25.4±3mm 的速率插入和拔出		Refer to paragraph 8 参照第 8 项
6.4	Pin Retention Force Pin 针保持力	Apply axial push force at the speed rate of 25.4±3mm/minute 以每分 25.4±3mm 的速率,将 PIN 针从 Wafer 内轴向拔出力		Per contact: 20N Min 单一接触点: 20N Min

7、Endurance Characteristics:

环境性能

N0. 序号	Ltem 项 目	Test mode 试验方法	Requirement 技术要求	
7.1	Repeated Insertion/ Withdrawal 重复插拔	When mated up to 30 cycles repeatedly by the rate of 10 cycles per minute 以每分钟不超过 10 次的速率, 将公母插 拔 30 次	Contact Resistance 接触电阻	30 mΩ Max
7.2	Temperature Rise 温升测试	Mating connectors shall be energized at rating current until thermal stability is achieved, and then measured the termperature rise 公母连接器配合后, 加载额定电流直到温 度上升到稳定 状态, 然后再测量温升	Temperature Rise 温升测试	30℃ Max
7.3	Vibration test 振动测试	Amplitude: 1.5mm P-P Sweep time: 10~55~10 HZ in 1 minute Duration: 2 hours in each X.Y.Z axials 振幅: 1.5mm P-P 时间: 10~55~10 HZ in 1 minute 持续时间: 每轴向 2 小时	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
			Discontinuity 瞬断	1 micro- second Max.
7.4	Heat Resistance 耐热性	85±2℃,96 hours	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
7.5	Cold Resistance 耐寒性	-25±3℃,96 hours	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
7.6	Humidity 耐湿性	Temperature: 60±2℃ Relative Humidity: 90~95% Duration: 96 hours 温度: 60±2℃ 湿度: 90~95%(RH) 持续时间: 96 hours	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
			Withstand Voltage 耐电压	No Breakdown and Flashover 外观无损伤, 无打火花
			Insulation Resistance 绝缘电阻	1000MΩ Min

N0. 序号	Ltem 项 目	Test mode 试验方法	Requirement 技术要求	
7.7	温度变化 Temperature Cycling	5 cycles of: a) -25℃ 30 minutes b) +85℃ 30 minutes 从-25℃持续30 分钟升至+85℃持续30 分钟, 循环5 次	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
7.8	Salt spray 盐雾	24±1 hours exposure to a salt spray from the 5±1% solution at 35±2℃ 在温度35±2℃, 盐水浓度5±1%下, 盐水 喷雾24±1 小时	Appearance 外观	No damage 无异常
			Contact Resistance 接触电阻	30 mΩ Max
7.9	Solderability 焊锡附着性	Soldering Time: 3-5sec solder Temperature: 245±5℃ 焊接时间: 3-5 秒 焊接温度: 245±5℃	Solder Wetting 焊料润湿	Immersion area above 95% 浸渍面积 95% 以上
7.10	Solder- Resistance 焊锡耐热性	DIP type PA66 material welding heat resistance range: Soldering time:3~5sec solder. Temperature:230±5℃ DIP 型 PA66 材质焊接耐热范围: 焊接时间: 3~5 秒. 焊接温度: 230±5℃ DIP type PA46 material welding heat resistance range: Soldering time:3~5sec solder. Temperature:245±5℃ DIP 型 PA46 材质焊接耐热范围: 焊接时间: 3~5 秒. 焊接温度: 245±5℃	Appearance 外观	No damage 无异常

8、INSERTION/WITHDRAWAL FORCE

综合插入力及拔出力

8.1、Single row comprehensive insertion and extraction force

单排综合插入力及拔出力

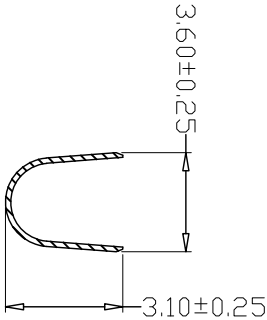
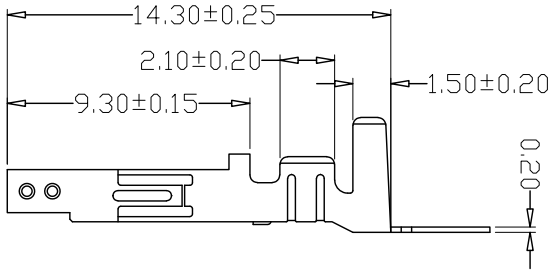
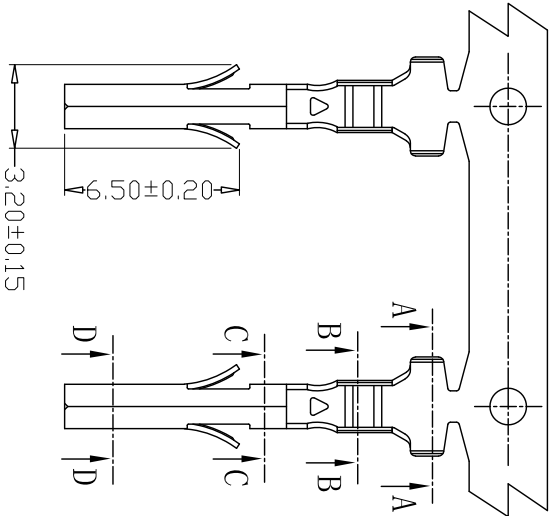
No. of CTK PIN 数	At Initial 初始值		At 30th 插拔 30 次	No. of CTK PIN 数	At Initial 初始值		At 30th 插拔 30 次
	I. F (N Max) 插入力	W. F (N Min) 拔出力	W. F (N Min) 拔出力		I. F (N Max) 插入力	W. F (N Min) 拔出力	W. F (N Min) 拔出力
2	30	2.0	1.5				
3	45	3.0	2.3				
4	60	4.0	3.0				
5	75	5.0	3.8				
6	90	6.0	4.5				

8.2、Dual row comprehensive insertion and extraction forces

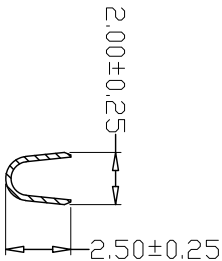
双排综合插入力及拔出力

No. of CTK PIN 数	At Initial 初始值		At 30th 插拔 30 次	No. of CTK PIN 数	At Initial 初始值		At 30th 插拔 30 次
	I. F (N Max) 插入力	W. F (N Min) 拔出力	W. F (N Min) 拔出力		I. F (N Max) 插入力	W. F (N Min) 拔出力	W. F (N Min) 拔出力
2*1	30	2.0	1.5	2*11	330	22	17
2*2	60	4.0	3.0	2*12	360	24	18
2*3	90	6.0	4.5				
2*4	120	8.0	6.0				
2*5	150	10	7.5				
2*6	180	12	9.0				
2*7	210	14	10				
2*8	240	16	12				
2*9	270	18	14				
2*10	300	20	15				

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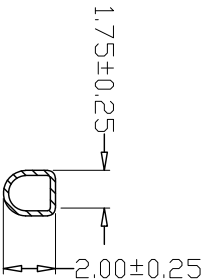
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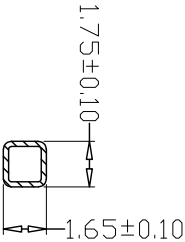
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SPECIFICATIONS

- Current Rating: 7A AC, DC
- Voltage Rating: 600V AC, DC
- Temperature Range: -25°C~+85°C
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 1500V AC/minute
- Material: Phosphoric bronze Tin-plated
- Applicable Wire Sizes: AWG#20~26#



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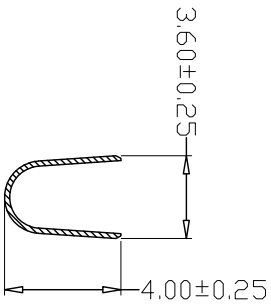
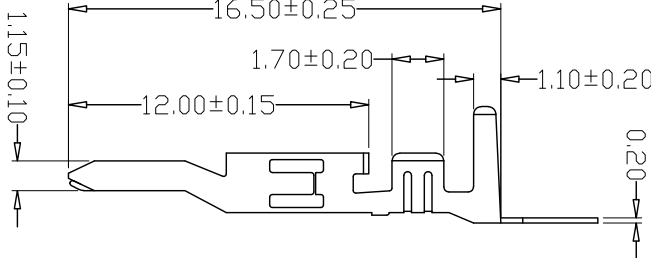
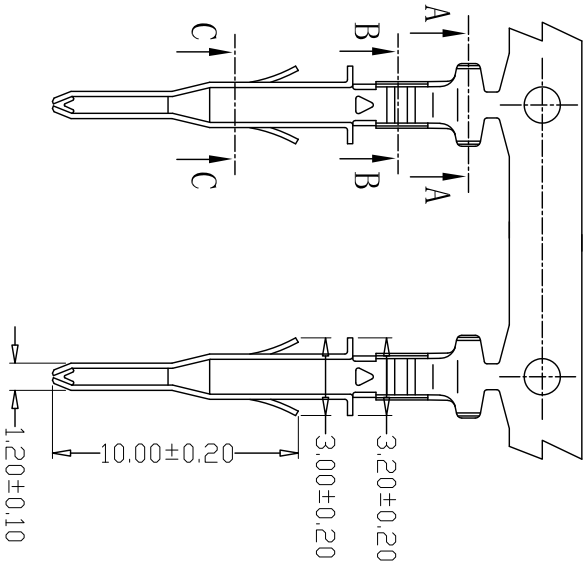


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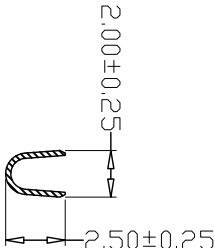
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.XXX±0.10	.XXX°±0.5°							
单位 Units	mm	比例 SCALE	乐清市宏一电子有限公司					

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Yueqing Hongyi Electronics Co., Ltd

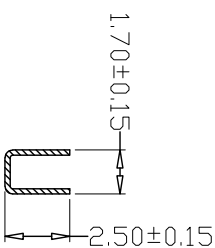
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SEC: A-A



SEC: B-B



SEC: C-C

SPECIFICATIONS

- 1、Current Rating: 7A AC, DC
- 2、Voltage Rating: 600V AC, DC
- 3、Temperatuer Range: -25℃~+85℃
- 4、Contact Resistance: 20mΩ Max
- 5、Insulation Resistance: 1000MΩ Min
- 6、Withstanding Voltang: 1500V AC/minute
- 7、Material:Phosphoric bronze Tin-plated
- 8、Applicable Wire Sizes:AWG#20~26#

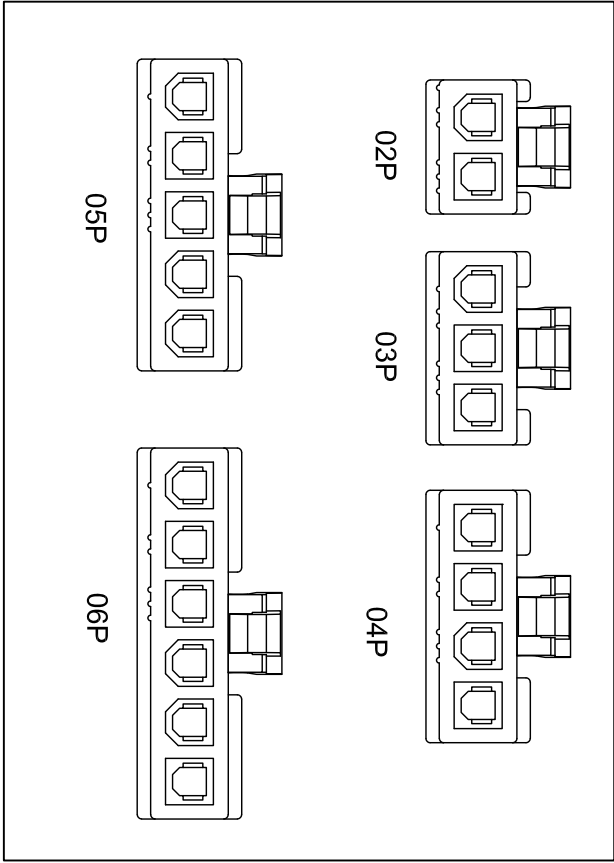
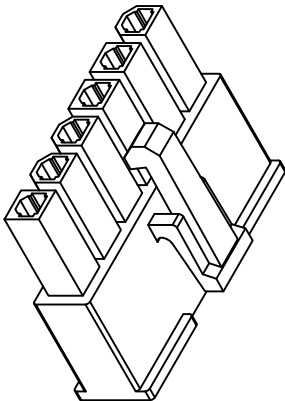
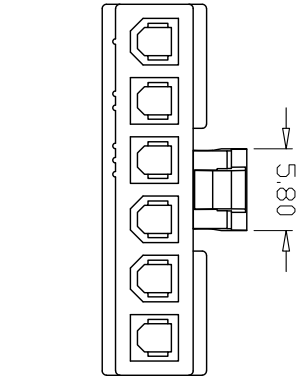
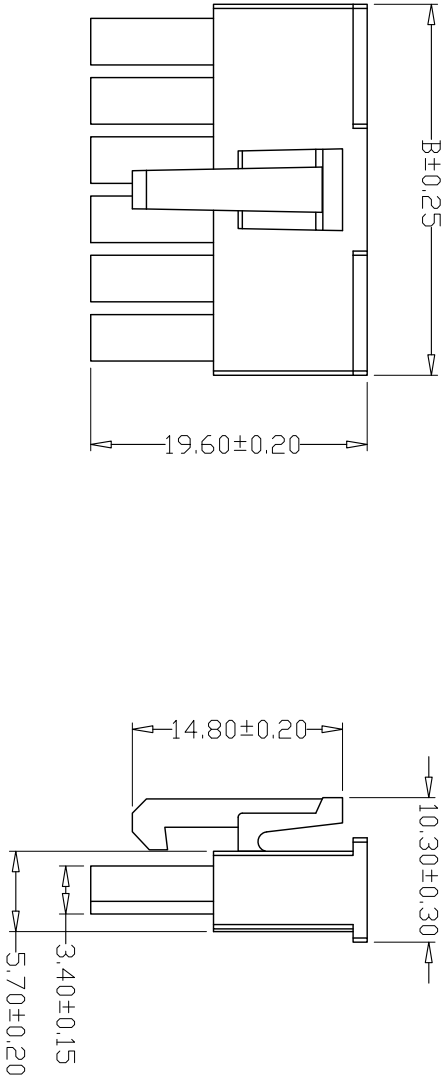
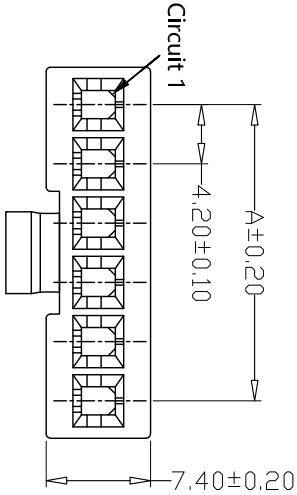
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版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN

SPECIFICATIONS

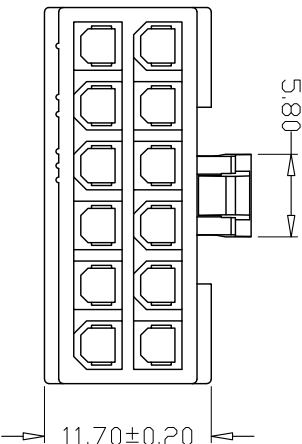
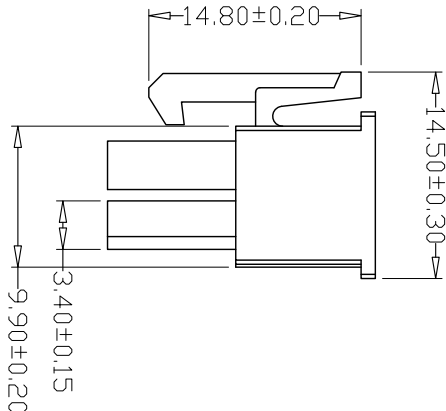
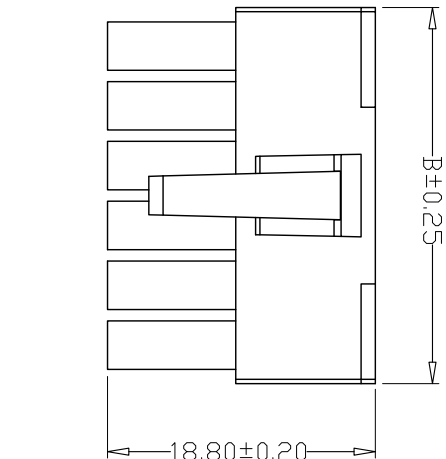
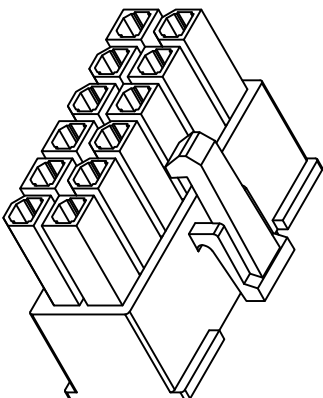
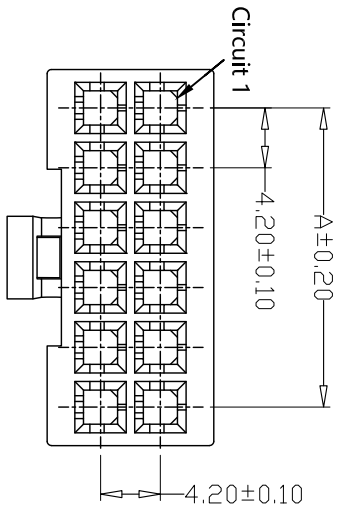
- 1、Current Rating: 7A AC, DC
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5、Insulation Resistance: 1000MΩ Min
6、Withstanding Voltang: 1500V AC/minute
7、Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated



PIN	尺寸 (mm)	
	A	B
-02P	4.20	9.60
-03P	8.40	13.80
-04P	12.6	18.00
-05P	16.80	22.20
-06P	21.00	26.40

GENERAL TOLERANCE		制图 Mapping	张迎春
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		品名 TITLE	5557 (5569) 单排公壳
		客户料号 CSTM. NO.	
		版本 REV.	A
		页次 SHEET	1/1
		乐清市宏一电子有限公司 Yueqing HongYi Electronics Co., Ltd	

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



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- Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated

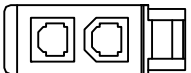
PIN	尺寸 (mm)	
	A	B
-2*01P	—	5.40
-2*02P	4.20	9.60
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-2*05P	16.80	22.20
-2*06P	21.00	26.40
-2*07P	25.20	30.60
-2*08P	29.40	34.80
-2*09P	33.60	39.00
-2*10P	37.80	43.20
-2*11P	42.00	47.40
-2*12P	46.20	51.60

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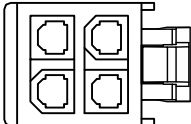
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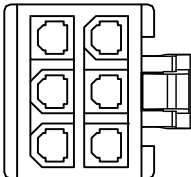
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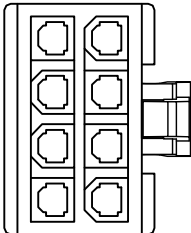
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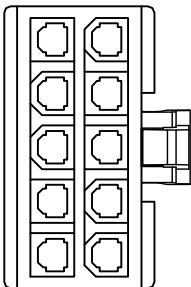
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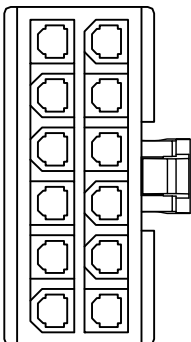
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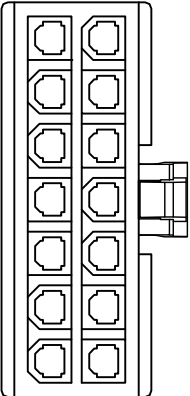
2*04P



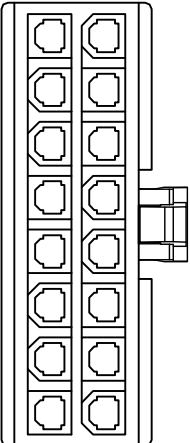
2*05P



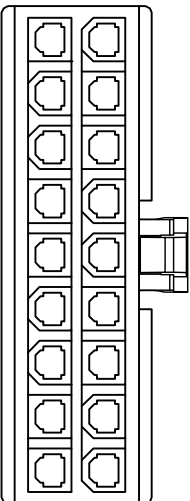
2*06P



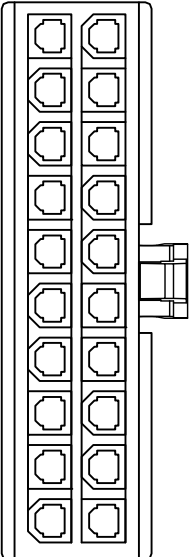
2*07P



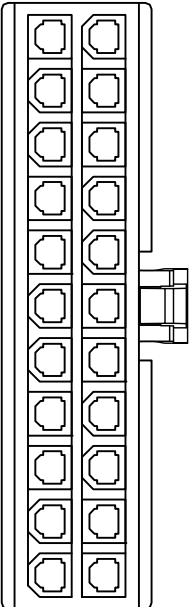
2*08P



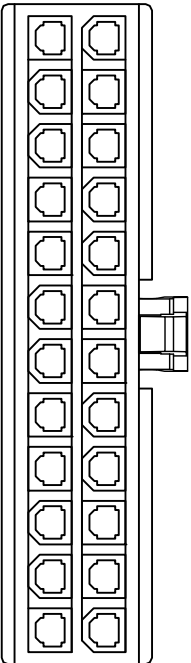
2*09P



2*10P



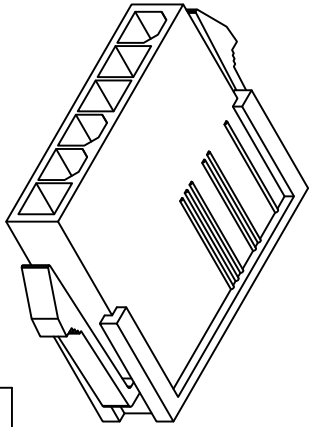
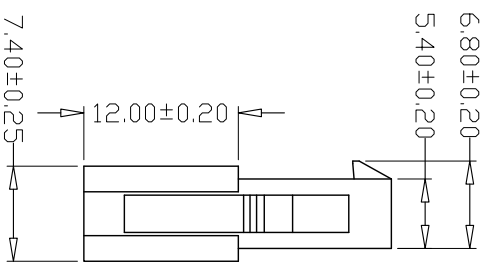
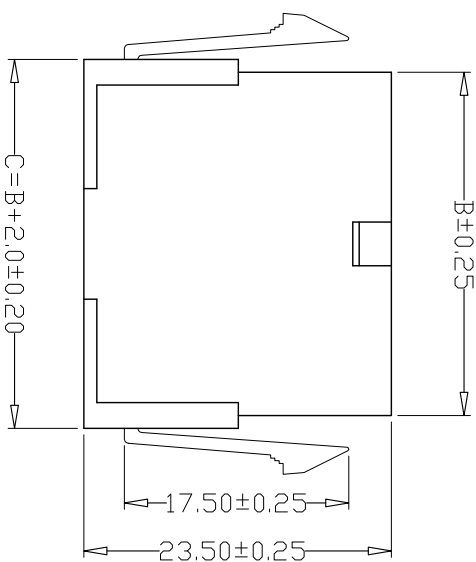
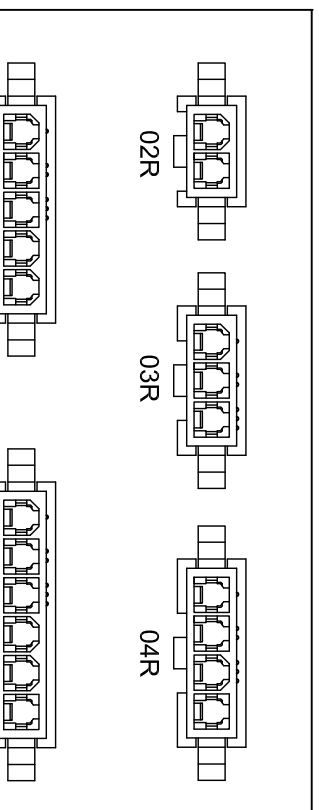
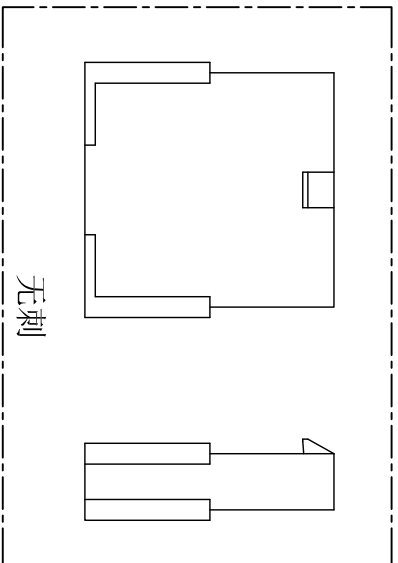
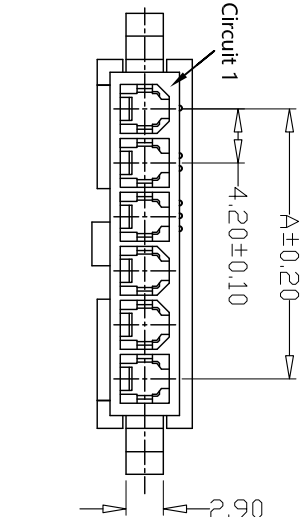
2*11P



2*12P

GENERAL TOLERANCE		制 图		料 号		版本	A
X.±0.25	X°±2°	Mapping	张迎春	PART NO.	A42002-2*nP	REV.	
X.±0.25	X°±1°	审 核	钱岳生	品 名	5557 (5569) 双排公壳	页 次	1/2
		Audit		TITLE		SHEET	
.XX±0.15	.XX°±0.5°	核 准	张 名	客户料号			
		Approved		CITM. NO.			
.XXX±0.10	.XXX°±0.5°	单 位	2022、12、09				
		Units	mm	比 例			
			SCALE				
				乐清市宏一电子有限公司			
				YueQing HongYiElectronics Co., Ltd			

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



PIN	尺寸 (mm)	
	A	B
-02R	4.20	9.80
-03R	8.40	14.00
-04R	12.60	18.20
-05R	16.80	22.40
-06R	21.00	26.60

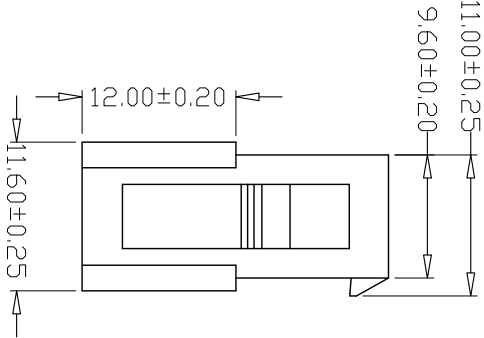
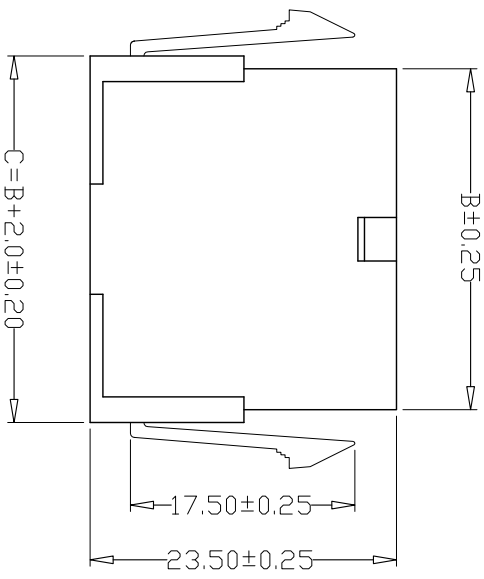
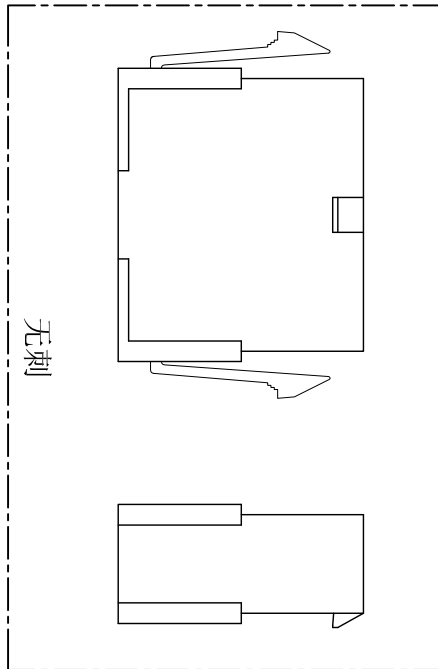
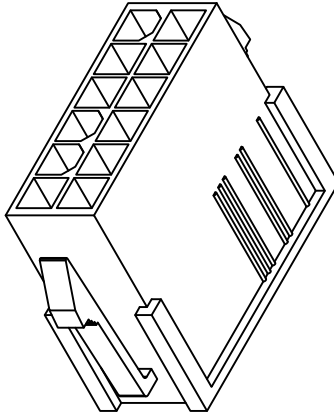
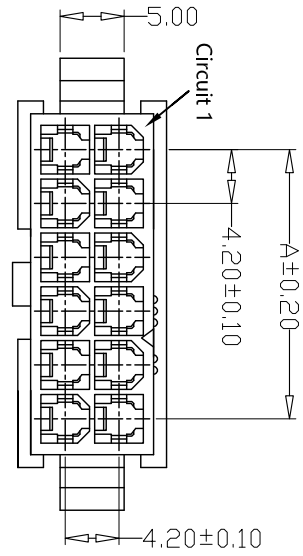
SPECIFICATIONS

- Current Rating: 7A AC, DC
- Voltage Rating: 600V AC, DC
- Temperatuer Range: -25℃~+85℃
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltang: 1500V AC/minute
- Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated

GENERL TOLERANCE		制图 Mapping	张迎春 2022. 12. 08	料号 PART NO.	A42002-mR	版本 REV.	A
X.±0.25	X°±2°	审核 Audit	钱岳生 2022. 12. 08	品名 TITLE	5557 (5569) 单排母壳	页次 SHEET	1/1
.X±0.25	X°±1°	核准 Approved	张名 2022. 12. 09	客户料号 CSTM. NO.			
.XX±0.15	.XX°±0.5°	单位 Units	mm	比例 SCALE			
.XXX±0.10	.XXX°±0.5°						

乐清市宏一电子有限公司
Yueqing HongYi Electronics Co., Ltd

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



PIN	尺寸 (mm)	
	A	B
-2*01R	—	5.40
-2*02R	4.20	9.80
-2*03R	8.40	14.00
-2*04R	12.60	18.20
-2*05R	16.80	22.40
-2*06R	21.00	26.60
-2*07R	25.20	30.80
-2*08R	29.40	35.00
-2*09R	33.60	39.20
-2*10R	37.80	43.40
-2*11R	42.00	47.60
-2*12R	46.20	51.80

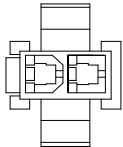
SPECIFICATIONS

- Current Rating: 7A AC, DC
- Voltage Rating: 600V AC, DC
- Temperature Range: -25°C~+85°C
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 15000V AC/minute
- Material: PA66, UL94V-2

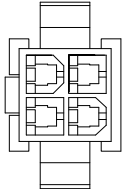
GENERAL TOLERANCE		制图 Mapping	张迎春	料号 PART NO.	A42002-2*12R	版本 REV.	A
X±0.25	X°±2°	审核 Audit	钱岳生	品名 TITLE	5557 (5569) 双排母壳	页次 SHEET	1/2
X±0.25	X°±1°	核准 Approved	张名	客户料号 CUTL NO.			
.XX±0.15	.XX°±0.5°	单位 Units	2022. 12. 09	比例 SCALE			
.XXX±0.10	.XXX°±0.5°						

P位结构示意图

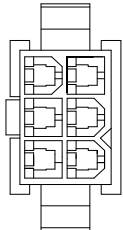
版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



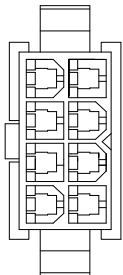
2*01R



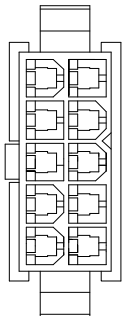
2*02R



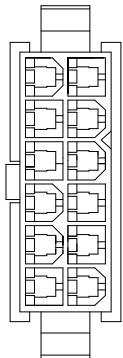
2*03R



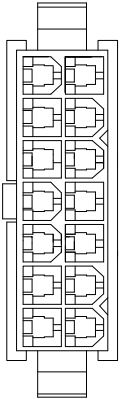
2*04R



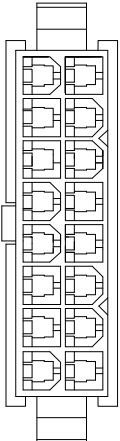
2*05R



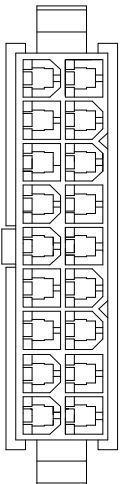
2*06R



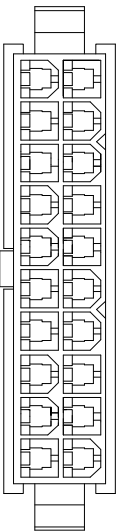
2*07R



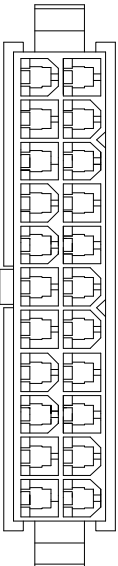
2*08R



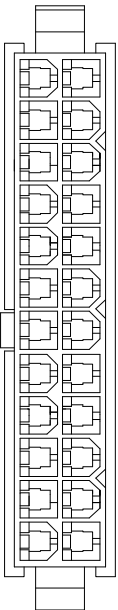
2*09R



2*10R



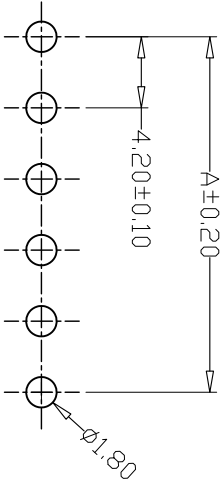
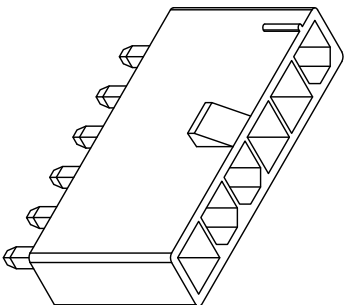
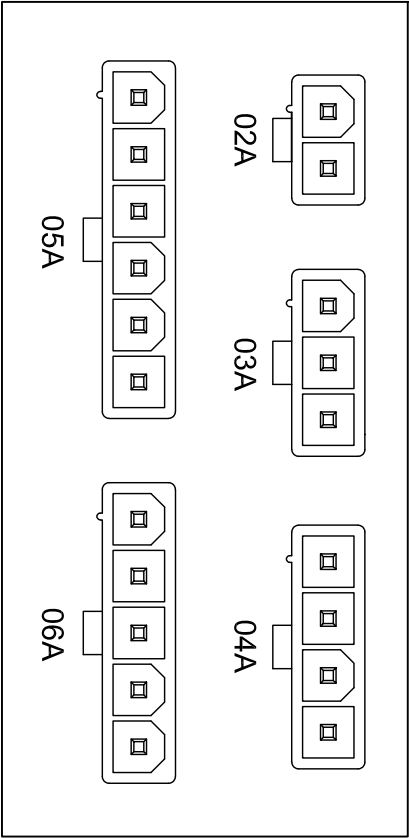
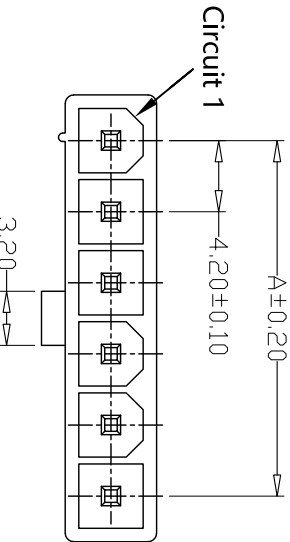
2*11R



2*12R

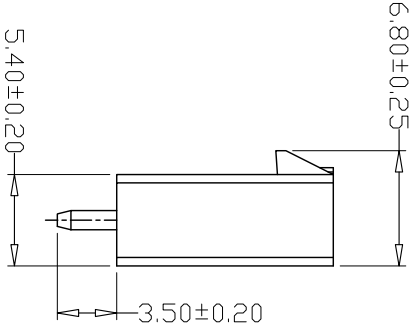
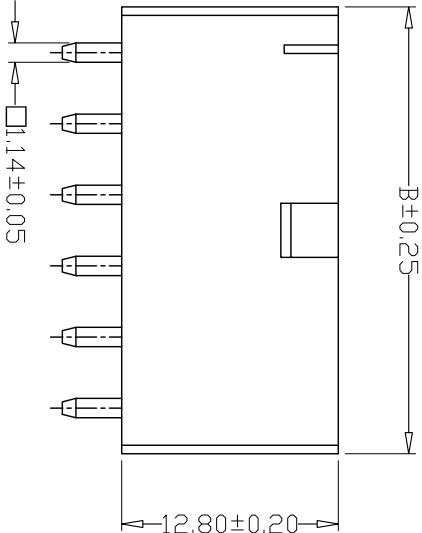
GENERAL TOLERANCE		制 图 Mapping	张迎春 2022、12、08	料 号 PART NO.	A42002-2*nR <th>版 本 REV.</th> <td>A</td>	版 本 REV.	A
X.±0.25	X.°±2°	审 核 Audit	钱岳生 2022、12、08	品 名 TITLE	5557 (5569) 双排母壳	页 次 SHEET	2/2
.X.±0.25	.X.°±1°			客 户 料 号 CUTL. NO.			
.XX.±0.15	.XX.°±0.5°	核 准 Approved	张 名 2022、12、09	 乐清市宏一电子有限公司 Yueqing HongYi Electronics Co., Ltd			
.XXX.±0.10	.XXX.°±0.5°						单 位 Units

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



PCB LAYOUT

PIN	尺寸 (mm)	
	A	B
-02A	4.20	9.60
-03A	8.40	13.80
-04A	12.6	18.00
-05A	16.80	22.20
-06A	21.00	26.40



SPECIFICATIONS

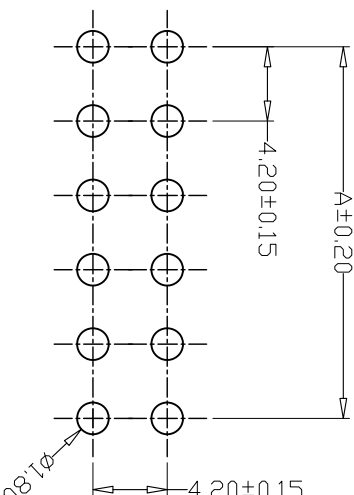
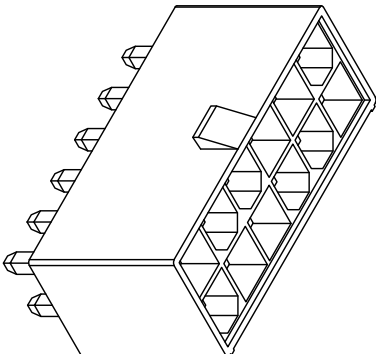
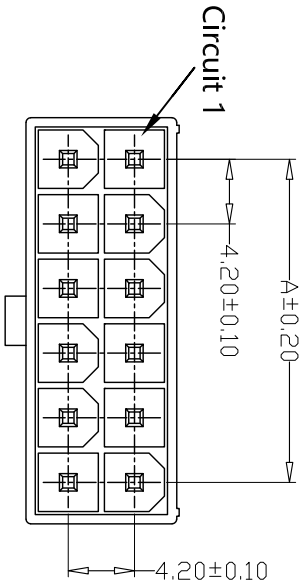
- Current Rating: 7A AC, DC
- Voltage Rating: 600V AC, DC
- Temperature Range: -25°C~+85°C
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 1500V AC/minute
- Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated

GENERAL TOLERANCE		制图 Mapping	张迎春 2022. 12、 08	料号 PART NO.	A42002-nA	版本 REV.	A
X.±0.25	X°±2°	审核 Audit	钱岳生 2022. 12、 08	品名 TITLE	5557(5569)单排直针 WAFER DIP TYPE	页次 SHEET	1/1
.X±0.25	.X°±1°	核准 Approved	张名 2022. 12、 09	客户料号 CSTM. NO.			
.XX±0.15	.XX°±0.5°						
.XXX±0.10	.XXX°±0.5°	单位 Units	mm	比例 SCALE			

乐清市宏一电子有限公司
YueDing HongYi Electronics Co., Ltd

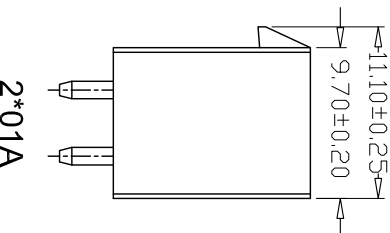
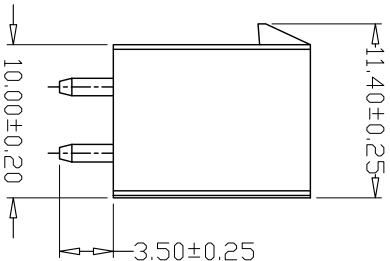
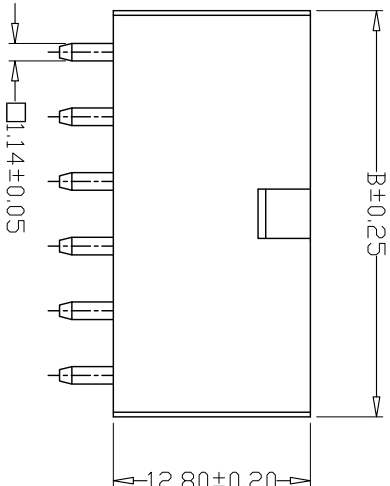
SPECIFICATIONS

- 1、Current Rating: 7A AC, DC
2、Voltage Rating: 600V AC, DC
3、Temperatuer Range: -25℃~+85℃
4、Contact Resistance: 20mΩ Max
5、Insulation Resistance: 1000MΩ Min
6、Withstanding Voltang: 1500V AC/minute
7、Material: Wafer PA66, UL94V-0
PIN Brass Tin-plated



PCB LAYOUT

PIN	尺寸 (mm)	
	A	B
-2*01A	---	5.40
-2*02A	4.20	9.60
-2*03A	8.40	13.80
-2*04A	12.60	18.00
-2*05A	16.80	22.20
-2*06A	21.00	26.40
-2*07A	25.20	30.60
-2*08A	29.40	34.80
-2*09A	33.60	39.00
-2*10A	37.80	43.20
-2*11A	42.00	47.40
-2*12A	46.20	51.60



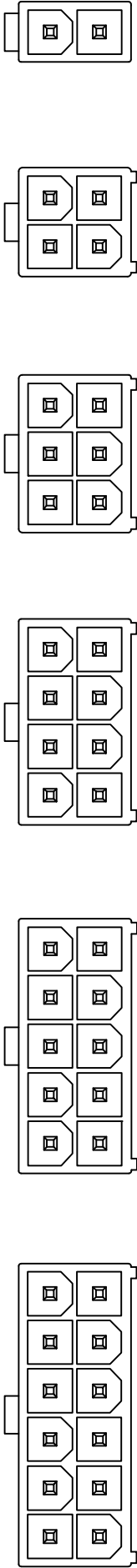
2*01A

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN

GENERAL TOLERANCE		制 图	张迎春
X.±0.25	X.°±2°	Mapping	2022. 12. 08
X.±0.25	X.°±1°	审 核	钱岳生
X.±0.15	X.°±0.5°	核 准	2022. 12. 08
.XXX±0.10	.XXX°±0.5°	Approved	张 名
		单位	2022. 12. 09
		Units	mm
		比例	SCALE

P位结构示意图

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



2*01A

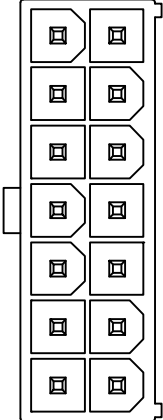
2*02A

2*03A

2*04A

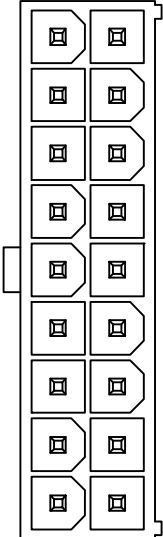
2*05A

2*06A

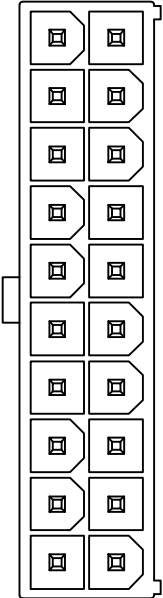


2*07A

2*08A

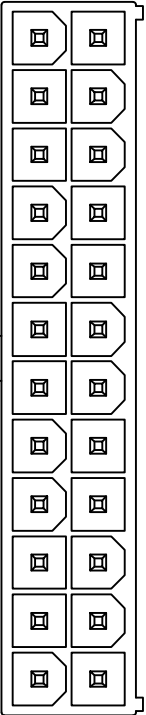


2*09A



2*10A

2*11A

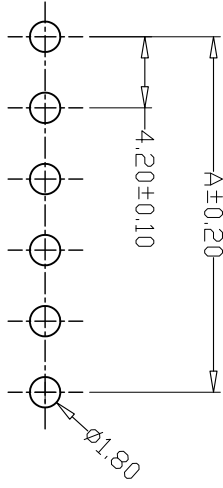
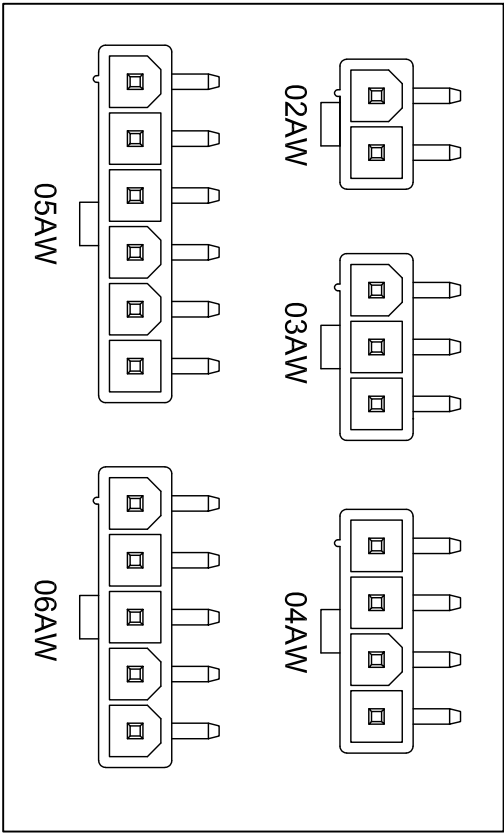
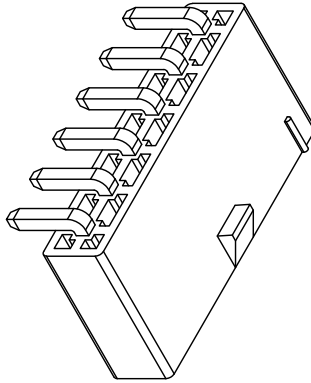


2*12A

GENERAL TOLERANCE				制 图		料 号		版 本	
X.±0.25	X.°±2°	Mapping	2022、12、08	张迎春	A42002-2*mA	PART NO.	A42002-2*mA	REV.	A
X.±0.25	X.°±1°	审 核	钱岳生	核 准	2022、12、08	品 名	5557 (5569) 双排直针	页 次	2/2
.XX±0.15	.XX°±0.5°	Approved	2022、12、09	张 名	CITM.NO.	客户料号	WATER DIP TYPE	SHEET	
.XXX±0.10	.XXX°±0.5°	单位 Units	mm	比例 SCALE					

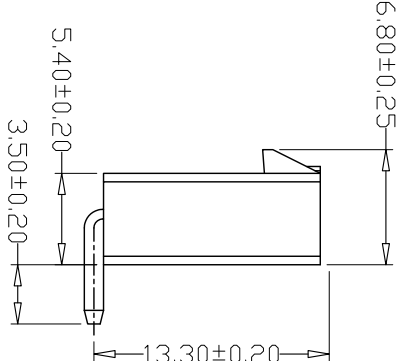
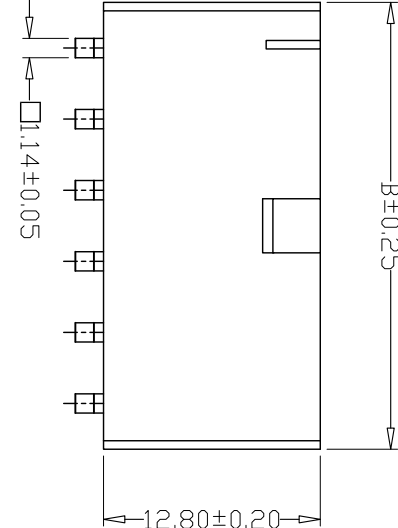
乐清市宏一电子有限公司
YueDing HongYiElectronics Co., Ltd

版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



PCB LAYOUT

PIN	尺寸 (mm)	
	A	B
-02AW	4.20	9.60
-03AW	8.40	13.80
-04AW	12.6	18.00
-05AW	16.80	22.20
-06AW	21.00	26.40



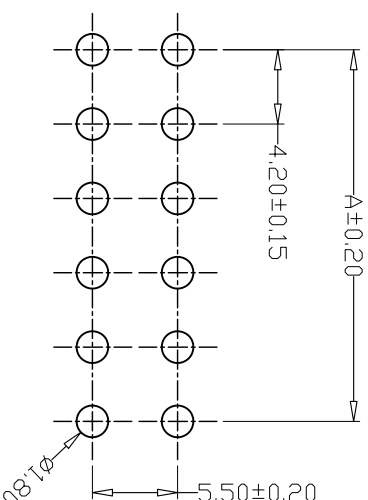
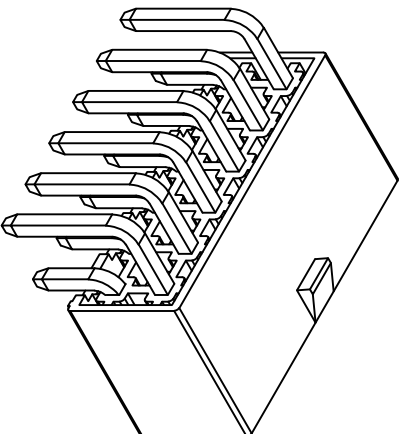
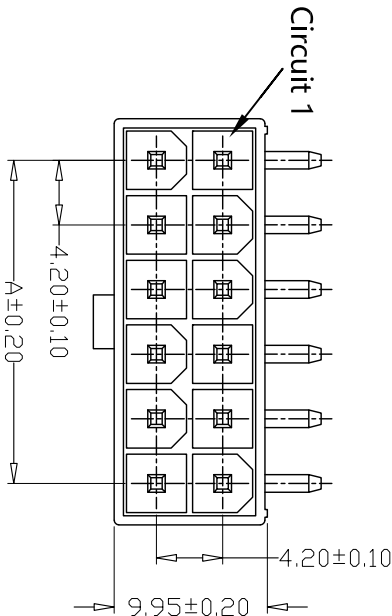
SPECIFICATIONS

- Current Rating: 7A AC, DC
- Voltage Rating: 600V AC, DC
- Temperature Range: -25°C~+85°C
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 1500V AC/minute
- Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated

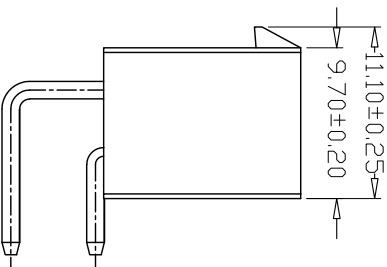
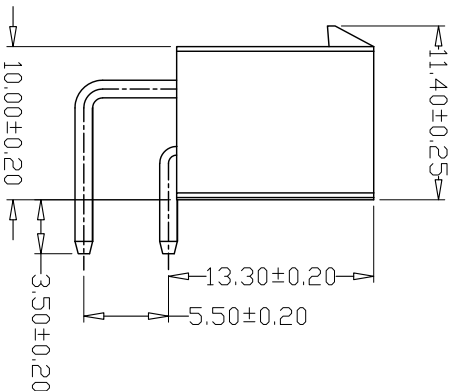
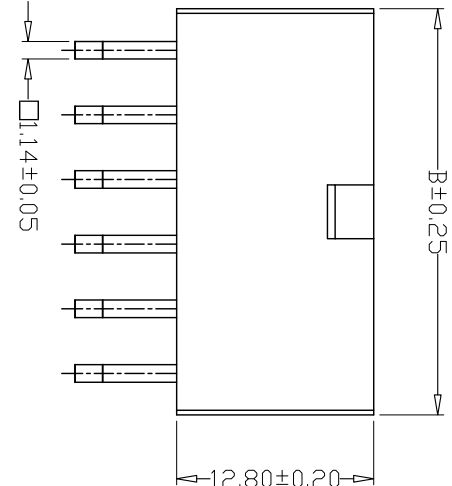
GENERAL TOLERANCE		制图 Mapping	张迎春	料号 PART NO.	A42002-T1AW	版本 REV.	A
X.±0.25	X.°±2°	审核 Audit	钱岳生	品名 TITLE	5557(5569)单排弯针	页次 SHEET	1/1
X.±0.25	X.°±1°	核准 Approved	张名	客户料号 CUST. NO.			
.XX±0.15	.XX°±0.5°	单位 Units	2022. 12. 09	比例 SCALE		YueDing HongYi Electronics Co., Ltd	
.XXX±0.10	.XXX°±0.5°						

SPECIFICATIONS

- 1、Current Rating: 7A AC, DC
2、Voltage Rating: 600V AC, DC
3、Temperature Range: -25°C~+85°C
4、Contact Resistance: 20mΩ Max
5、Insulation Resistance: 1000MΩ Min
6、Withstanding Voltage: 1500V AC/minute
7、Material: Wafer PA66, UL94V-2
PIN Brass Tin-plated



PCB LAYOUT

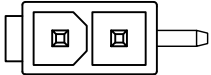


PIN	尺寸 (mm)	
	A	B
-2*01AW	---	5.40
-2*02AW	4.20	9.60
-2*03AW	8.40	13.80
-2*04AW	12.60	18.00
-2*05AW	16.80	22.20
-2*06AW	21.00	26.40
-2*07AW	25.20	30.60
-2*08AW	29.40	34.80
-2*09AW	33.60	39.00
-2*10AW	37.80	43.20
-2*11AW	42.00	47.40
-2*12AW	46.20	51.60

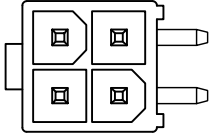
GENERAL TOLERANCE		制图	张迎春
X.±0.25	X°±2°	Mapping	2022. 12、 08
X.±0.25	X°±1°	审核	钱岳生
X.±0.15	X.°±0.5°	核准	2022. 12、 08
XXX±0.10	XXX°±0.5°	Approved	张名
	单位	2022. 12、 09	张名
	Units	mm	比例
		SCALE	
		料号	PART NO.
		品名	A42002-2* n AW
		TITLE	5557 (5569) 双排弯针
		客户料号	WATER DIP TYPE
		CITL. NO.	
		版本	REV.
		页次	A
		1/2	

P位结构示意图

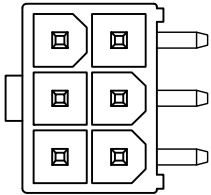
版本 REV.	日期 DATE	ECN NO.	变更内容 DESCRIPTION	制图 DRAWN



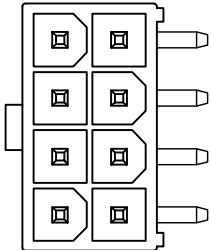
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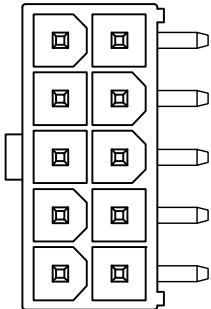
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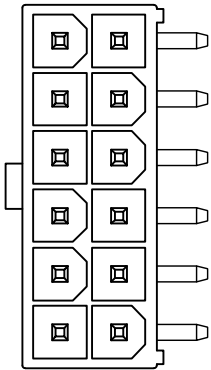
2*03AW



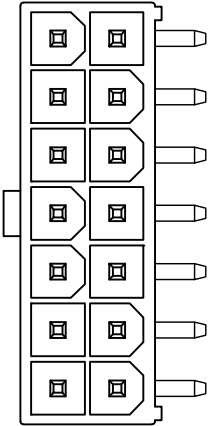
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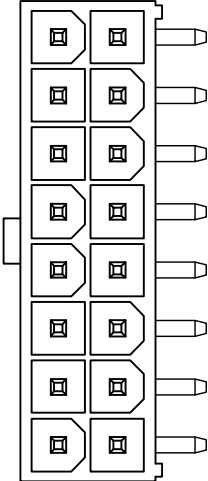
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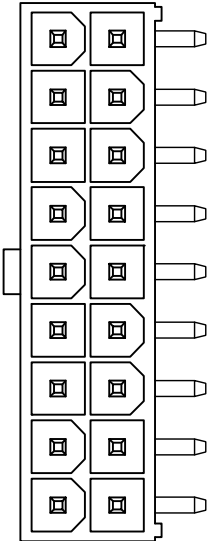
2*06AW



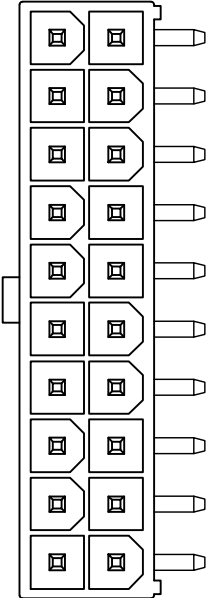
2*07AW



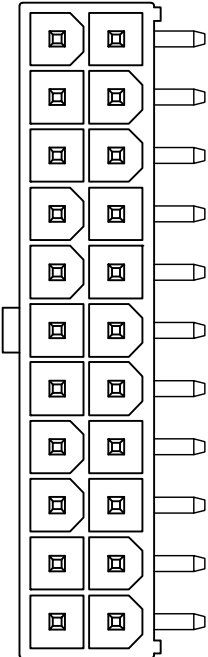
2*08AW



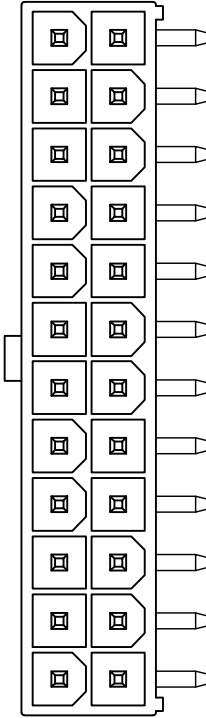
2*09AW



2*10AW



2*11AW



2*12AW

GENERAL TOLERANCE		制 图	料 号		版 本
X.±0.25	X°±2°	Mapping	2022、12、08	A42002-2*nAW	REV. A
X.±0.25	X°±1°	审 核	钱岳生	品 名	5557 (5569) 双排弯针
		Audit	2022、12、08	TITLE	WATER DIP TYPE
XX±0.15	XX°±0.5°	核 准	张 名	客户料号	页 次
		Approved	2022、12、09	CITM.NO.	2/2
XXX±0.10	XXX°±0.5°	单 位	mm	比 例	
		Units	SCALE		
乐清市宏一电子有限公司 Yueqing HongYi Electronics Co., Ltd					