

标题: TJC20084 系列连接器

Title: TJC20084 Connector

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中国·浙江省乐清市虹桥镇幸福东路 1098 号 合兴工业园 1098, Xingfu `Road(East), CWB Industrial Zone, Hongqiao, Yueqing, Zhejiang 325608, China Tel: 86-577-61313157 (Research & Development Dept.) Tel: 86-577-62312253 (Sales Dept.)	制定 Edit: 杨培 2022. 6. 6	产品名称 Product name: <u>TJC20084 系列</u>
	审核 Check: 王国英 2022. 6. 6	编号 Document No.: <u>PS4170</u>
	批准 Approval: 刘冬旭 2022. 6. 6	版本 Revision: <u>V1</u>



产品规格书

PRODUCT SPECIFICATION

1.更改履历 Change record

版本号 Version No.	更改前描述 Description before modification	更改后描述 Description after modification	更改人/日期 Reviser/Date
V0	/	First release	杨培 2022/6/6
V1	/	Update the 30th drawing power data of the product	路欢 2023/1/30

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产品规格书

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2.适用范围 Scope

本产品规格书适用于浙江合兴电子元件有限公司生产的 WTB 2.0 阴型 & 阳型电子连接器，产品名称：TJC20084。

This product specification covers the requirement for wire to board 2.0mm pitch Receptacle & Plug connector, which are designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: TJC20084

3.产品描述 Product description

TJC20084 系列产品为家电连接器产品，产品部件组成如下：

The TJC20084 series connector designed for home appliances connection. part checklist as following form:

Part name	Part No.	Previous part No.	FRs	Description
插簧 Contact	CH-TJC20084-**	/	/	AWG22~AWG28
孔座 Housing	TJC20084-2×nY(**-*)	/	N 系	PA66 UL94V-0
阳连接器(立式,直插) Header (V, DIP)	TJC20084-2×nA(**-*) TJC20084-2× nAD(**-*)	/	Br 系	Wafer: PA66+GF UL94V-0 Post: Brass, tin plated
阳连接器(卧式,直插) Header (H, DIP)	TJC20084-2× nAWJD(**-*)	/	Br 系	Wafer: PA66+GF UL94V-0 Post: Brass, tin plated

4.相关标准 Related standards

以下参考文件是本规格书的一个组成部份。若本规格书中的要求与产品图纸发生冲突，以产品图中的要求为优先；若本规格书中的要求与参考文件中的要求冲突，以本规格书要求为优先。

The following documents form a part of this specification. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

GB/T 2421	环境试验 概述和指南 Environmental testing —— General and guidance
GB/T 2423	环境试验 试验方法 Environmental testing —— Test methods
GB/T 2424	环境试验 支持文件及导则 Environmental testing —— Supporting documentation and guidance
GB/T 5095	电子设备机电元件基本试验规程及测量方法 Electromrchanical components for electronic equipment Basic testing procedures and measuring methods
EIA-364	EIA-364 系列标准 EIA-364 series standards
IPC EIA IPC JEDEC J STD 002E	连接器 / 插座终端可焊性测试方法 Solderabilith Tests for Component Leads, Terminations, Lugs, Terminals and Wires

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产品符合 RoHS 标准。
The product should comply with RoHS.

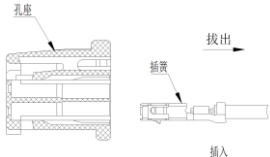
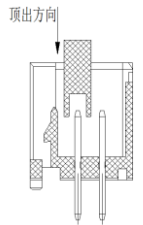
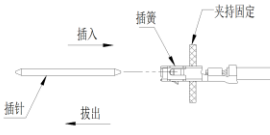
5.参数范围 Parameter ratings:

额定电流 [AC(有效值)/DC] Rated current [AC(rms)/DC]	AWG#22	AWG#24	AWG#26	AWG#28
	3A Max	2A Max	1.5A Max	1A Max
适用 PCB 板 Applicable PCB	Board thickness: 1.6±0.1mm Hole diameter: ϕ 0.8(+0.1/0)mm			
额定电压[AC(有效值)/DC] Rated voltage [AC(rms)/DC]	250V			
使用温度范围 (包含温升) Operating temperature range (include temperature rise)	-25°C ~ +85°C			
适用线型 (具体适用线型请参考压接规格书) Applicable wires (Please refer to the crimping specification for details)	Wire size: AWG#28~AWG#22 (0.08mm ~ 0.33 mm) Insulation diameter: ϕ 0.76 mm - ϕ 1.5mm			

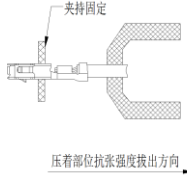
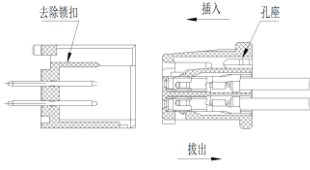
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6. 产品性能 Performance

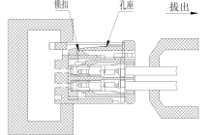
6.1 机械性能 Mechanical

序号 No.	项目 Item	测试条件 Test condition	规格 Requirement
6.1.1	外观 Appearance	目测 Checking by eyes 视力: 1.0 以上 Eyesight: > 1.0 照明: (200~300) lx Lamp: (200~300) lx 目测距离: (0.3~0.5) m Space: (0.3~0.5) m GB/T 5095.2 Method 1a	1. 塑料件表面应无明显疤痕、凹陷、开裂及影响使用的变形。 Plastic part: smooth and flat surface without discolor, broken, crack, and distortion, etc. 2. 金属件表面无锈蚀、氧化、无明显的机械损伤及电镀层脱落等缺陷。 Metal part: bright and even surface without rust, oxide, fog and obvious physical damage, etc.
6.1.2	端子插入力 与固定力 Insertion force and retention force for contact	应测量将端子沿轴线方向插入孔座和拔出孔座的力， 测试速度1~5 mm/sec。 The force of inserting and pulling the contact into and out of the housing along the axis shall be measured (Testing speed: 1~5 mm/sec.)  GB/T 5095.8 Method 15d / EIA-364-29B	插入力: ≤10N 固定力: ≥15N Insertion force: ≤10N Retention force: ≥15N
6.1.3	针的固定力 Post retention force	沿插针轴线方向施加推力，测量将插针从塑件上分离 的力，测试速度 1~5 mm/sec。 The end of a post shall be pushed in a direction perpendicular to a wafer. The load required to make the post start moving from the wafer shall be measured. (Testing speed: 1~5 mm/sec.)  GB/T 5095.8 Method 15a / EIA-364-29B	10N Min
6.1.4	插簧与插针 的插拔力 Insertion and withdrawal force for pin in the contact	固定连接器和/或测力计，在端子轴线方向将插针插入 和拔出插簧，测试速度不大于 25 mm/min。 Insert the pin contact into and pull out the socket contact in the direction of the terminal axis (Testing speed: <25 mm/min.)  GB/T 5095.8 Method 16c / EIA-364-13B	插入力: ≤9.8N 拔出力: ≥0.2N Insertion force: ≤9.8N Retention force: ≥0.2N

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6.1.5	<p>压着部位抗张强度 Crimp tensile strength</p>	<p>在已压接端子的头部和导线上施加拉力，并测量将导线从端子拉出或导线断裂所需的力，测试速度 1~5 mm/sec。 Pulling load shall be applied to a correctly crimped contact and a wire. The load required to pull the wire out of the contact or break the wire shall be measured. (Testing speed: 1~5 mm/sec.)</p>  <p>GB/T5095.8 Method 16d / EIA-364-08B</p>	<p>压着式连接器 Crimp Conn AWG# 28: 10N Min. AWG #26: 20N Min. AWG# 24: 30N Min. AWG# 22: 40N Min.</p>			
6.1.6	<p>成品插入力与拔出力 Insertion force and withdrawal force</p>	<p>将装有已压接端子的孔座与阳连接器做插入和拔出，测量首次插入力、首次拔出力及第30次拔出力，测试速度1~5 mm/sec。 A housing with crimped/IDC contacts and a header shall be mated and unmated on the mating axis. Initial insertion and withdrawal forces and withdrawal force at 30th shall be measured. (Testing speed: 1~5 mm/sec.)</p>  <p>GB/T 5095.7 Method 13b / EIA-364-13B</p>	<p>No. of poles</p>	<p>插入力（最大值） Insertion (Max.) 初次 1st.</p>	<p>拔出力（最小值） Withdrawal (Min.) 初次 1st. 第三十次 30th.</p>	
6.1.7	<p>机械振动 Vibration</p>	<p>插合连接器，串联在直流电源上，电流100mA；并模拟正常工作状态：振频为（10~55~10）Hz，每个循环时间为1分钟，振幅1.52mm。沿XYZ三轴正反方向各循环2小时 Mate connectors subjected them to following vibration conditions, for a period of 2 hours in each of 3 mutually perpendicular axes, 100 mA current shall be applied. Frequency: (10~55~10)Hz/min. Cycling time: 1 min. Amplitude: 1.52mm. GB/T 5095.4 Method 6d / EIA-364-28D</p>	<p>外观：无损伤（参照6.1.1） Appearance: no damage.(refer to 6.1.1) 接触电阻：20mΩ Max. Contact resistance: 20mΩ Max. 电流中断时间：1μsec Max Current interruption: 1μsec Max</p>			
6.1.8	<p>机械冲击 Shock</p>	<p>连接器相配，沿XYZ三轴正反方向各冲击3次（总共18次），在测试过程中通以100mA电流 冲击强度：490m/s² 持续时间：11ms Mate connectors and subject them to the following shock conditions, 3 times of shock shall be applied for each 6 directions along 3 mutually perpendicular axes, passing DC 100mA current during the test.(total of 18 shocks) Test pulse: 490m/s² Duration: 11ms GB/T 5095.4 Method 6c / EIA-364-27B</p>	<p>外观：无损伤（参照6.1.1） Appearance: no damage.(refer to 6.1.1) 电流中断时间：1μsec Max. Current interruption: 1μsec Max.</p>			
6.1.9	<p>机械寿命 Durability</p>	<p>以 50mm/min 速度插拔 30 次 30cycles for mating and unmating test at the speed of 50mm/min GB/T 5095.5 Method 9a / EIA-364-09C</p>	<p>外观：无损伤（参照6.1.1） Appearance: no damage.(refer to 6.1.1) 接触电阻：20mΩ Max. Contact resistance: 20mΩ Max.</p>			

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6.1.10	锁扣强度 Lock strength	固定连接器和测力计，在连接器轴线方向将配合后的连接器拔出，测试速度1~5 mm/sec.，测量时连接器应无端子或端子不影响锁扣强度的测量结果 Apply axial withdraw force on the connector which without contact or the contacts shall not affect lock strength(Testing speed: 1~5 mm/sec.)  GB/T 5095.8 Method 15a / EIA-364-29B	50Min
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6.2 电气性能 Electrical

序号 No.	项 目 Item	测试条件 Test condition	规格 Requirement
6.2.1	接触电阻 Contact resistance	插配阴阳连接器后,用小功率电路进行测试(使用26AWG) Mate connectors with dry circuit to test contact resistance (Apply 26AWG) GB/T 5095.2 Method 2a / EIA-364-23B	10m Ω Max. (Initial) 20m Ω Max. (Final)
6.2.2	绝缘电阻 Insulation resistance	在相邻接触件之间或地线之间,用500V DC电压进行测试 Apply a voltage of 500V DC between adjacent contacts and between contacts to ground. GB/T 5095.2 Method 3a / EIA-364-21C	1000 MΩ Min. (Initial) 500 MΩ Min. (Final)
6.2.3	耐电压 Withstand voltage	相邻接触件之间或地线之间施加800V AC(有效值),漏电流1mA的电压作用,时间1min. Apply a voltage of 800V AC (rms) and leakage current of 1mA between adjacent contacts or ground cables for 1 minute. GB/T 5095.2 Method 4a / EIA-364-20B	外观: 无击穿和飞弧现象 Appearance: no breakdown or flashover
6.2.4	温升 Temperature rise	插合连接器, 通以最大允许电流, 测温度的差值 Mate connectors and measure the temperature rise of contact when the maximum AC rated current is passed. GB/T 5095.3 Method 5a / EIA-364-70A	Δ30℃ Max.

6.3 环境性能 Environmental

序号 No.	项 目 Item	测试条件 Test condition	规格 Requirement
6.3.1	耐高温 Heat resistance	连接器配合后, 于(85±2)℃的空气中放置250小时, 再回到室温中放置(1~2)小时测定 Mated connectors exposed to the condition of (85±2)℃ for 250 hours, recovery time (1~2) hours GB/T 5095.6 Method 11i / EIA-364-17B	外观: 无损伤(参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.
6.3.2	耐低温 Cold resistance	连接器配合后, 于(-40±2)℃的空气中放置96小时, 再回到室温中放置(1~2)小时测定 Mated connectors exposed to the condition of (-40±2)℃ for 96hours, recovery time (1~2) hours GB/T 5095.6 Method 11j / EIA-364-17B	外观: 无损伤(参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 1000V Min. Withstand voltage: 1000V Min.

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6.3.3	恒定湿热 Humidity	<p>温度(40±2)℃, 相对湿度(90~95)% 搁置时间 240 小时, 取出恢复 (1~2) 小时后检查。 Mated connectors exposed to the condition of temperature (40±2)℃, humidity (90~95)% for 240 hours, recovery time (1~2) hours GB/T 5095.6 Method 11c /EIA-364-31B</p>	<p>外观: 无损伤 (参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 500V Min. Withstand voltage: 500V Min.</p>										
6.3.4	温度循环 Temperature cycling	<p>把试验样品分别放入高、低温试验箱中, 按下列步骤调试温度: a) 在(-55±2)℃的恒温条件下放置 0.5 小时; b) 在(85±2)℃的恒温条件下放置 0.5 小时; 从 a)到 b)为一个循环, 周期温度转换时间应不大于 5 分钟, 共进行 25 个循环,恢复 (1~2) 小时后检查 Mated connectors shall be tested under the following conditions</p> <table style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Temperature °C</th> <th style="text-align: left;">Duration</th> </tr> </thead> <tbody> <tr> <td>1 -55±2</td> <td>0.5h</td> </tr> <tr> <td>2 Room Temp.</td> <td>5 minutes Max.</td> </tr> <tr> <td>3 +85±2</td> <td>0.5h</td> </tr> <tr> <td>4 Room Temp.</td> <td>5 minutes Max.</td> </tr> </tbody> </table> <p>Step 1 to 4 is one cycle,25 cycles shall be tested, recovery time (1~2) hours GB/T 5095.6 method 11d /EIA-364-32C</p>	Temperature °C	Duration	1 -55±2	0.5h	2 Room Temp.	5 minutes Max.	3 +85±2	0.5h	4 Room Temp.	5 minutes Max.	<p>外观: 无损伤 (参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 500V Min. Withstand voltage: 500V Min.</p>
Temperature °C	Duration												
1 -55±2	0.5h												
2 Room Temp.	5 minutes Max.												
3 +85±2	0.5h												
4 Room Temp.	5 minutes Max.												
6.3.5	盐雾 Salt spray	<p>把试验样品从试验箱顶悬挂下来, 采用浓度为(5±1)% (质量百分比)的氯化钠溶液, 在(35±2)℃温度下连续雾化 48 小时, 试验后用流动的蒸馏水轻轻洗去表面沉积物。在常温常湿条件下恢复 (1~2) 小时 48 hours spray, at temp (35±2)℃, NaCl mist concentration (5±1)%. After test wash parts and put it into room ambient for (1~2) hours GB/T 5095.6 Method 11f /EIA-364-26B</p>	<p>外观: 无损伤(五金件应无露出底金属的严重锈蚀;使用预镀好的型材, 其落料面允许有不影响其性能的轻微腐蚀。) Appearance: no damage (no erosion on material exposed. and plating material, slight erosion on the cutting surface is acceptable) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.</p>										
6.3.6	工业气体(氨气) Industrial gas(Ammonia)(NH ₃)	<p>连接器在每升容积内含 25 毫升 3% 氨溶液的氨气箱中暴露 7 小时 After 7 hours exposure in ammonia chamber with 25 mL of 3% ammonia solution for every liter of chamber capacity</p>	<p>无应力腐蚀开裂 No stress corrosion cracking</p>										
6.3.7	硫化氢气体测试 (H ₂ S gas test)	<p>连接器配合后, 在温度 (40±3) °C、湿度 80±5%、H₂S 气体浓度为 3±1ppm 的环境中放置 96 小时 Mated connectors exposed to the condition of temperature (40±3)°C, humidity 80±5%, H₂S gas concentration of 3±1ppm for 96 hours</p>	<p>接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.</p>										
6.3.8	可焊性 Solderability	<p>把试验样品需要焊接的部位浸入焊锡炉中, 锡炉温度 (245±3) °C, 时间 (2.5~3.5) 秒 Dip solder tails into the molten solder held at (245±3) °C for (2.5~3.5) seconds EIA-364-52</p>	<p>上锡率≥90%: Solder coverage: ≥90%</p>										
6.3.9	耐焊接热 Resistance to soldering heat	<p>耐波峰焊热: 把试验样品需要焊接的部位浸入焊锡炉中, 锡炉温度 (260±5) °C; 时间 (10±0.5) 秒后, 在正常条件下恢复 (1~2) 小时 手工焊接: 温度 (350±10) °C, 时间(1~2) seconds Resistance to wave soldering heat: Dip solder tails into the molten solder held at (260±5) °C for (10 ±0.5) seconds, recovery time (1~2) hours Manual soldering: (350±10)°C for (1~2) seconds</p>	<p>外观: 无损伤 (参照6.1.1) Appearance: no damage.(refer to 6.1.1)</p>										

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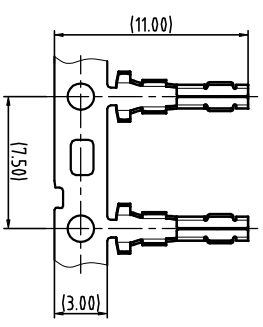
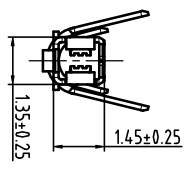
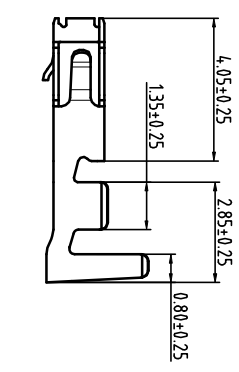
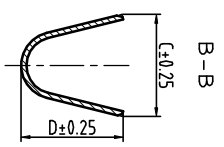
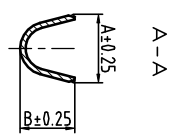
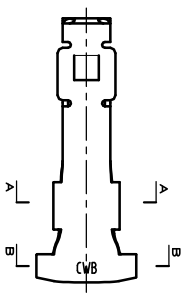
PRODUCT SPECIFICATION

7.测试分组 Test sequences (Samples:5PCS)

测试组 Group number	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
外观 Appearance	1	1	1	1	1	1,5	1,3	1,3	1,5	1	1,5	1,5	1,7	1,7	1,5	1,3	1	1	1,3
端子插入力与固定力 Insertion force and retention force for contact	2																		
针的固定力 Post retention force		2																	
插簧与插针的插拔力 Insertion and withdrawal force for pin in the contac			2																
压着部位抗张强度 Crimp tensile strength				2															
成品插入力与拔出力 Insertion force and withdrawal force					2														
机械振动Vibration						3													
机械冲击 Shock							2												
机械寿命 Durability									3										
锁扣强度 Lock strength								2											
接触电阻 Contact resistance						2,4			2,4		2,4	2,4	2,4	2,4	2,4			2,4	
绝缘电阻 Insulation resistance													5	5					
温升 Temperature rise										2									
耐电压 Withstand voltage													6	6					
耐高温 Heat resistance											3								
耐低温 Cold resistance												3							
恒定湿热 Humidity													3						
温度循环 Temperature cycling														3					
盐雾 Salt spray															3				
工业气体(氨气)Industrial gas(Ammonia)(NH ₃)																2			
硫化氢气体测试 (H ₂ S gas test)																	3		
可焊性 Solderability																		2	
耐焊接热 Resistance to soldering heat																			2

产品名称 Product name	TJC20084 系列	编号 Document No.	PS4170	版本号 Version No.	V1
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General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13					
	3~18		±0.23					
	18~50		±0.35					
	≥50		±0.55					



Contact view
Scale 1:2

- Notes:
- 1.Material: Phosphor bronze,thickness=0.15mm
 - 2.Surface finish: tin plated
 - 3.Matched housing: TJC20084-2XnY
 - 4.Applicable wires: CH-TJC20084;AWG#22~AWG#24
 - 5.Compliant to the current RoHS

CH-TJC20084-1;AWG#26~AWG#28

Part No.	A	B	C	D	Applicable Wire
CH-TJC20084-1	1.5	1.3	2.1	2.1	AWG26 ~28
CH-TJC20084	1.95	1.55	2.9	2.9	AWG22 ~24

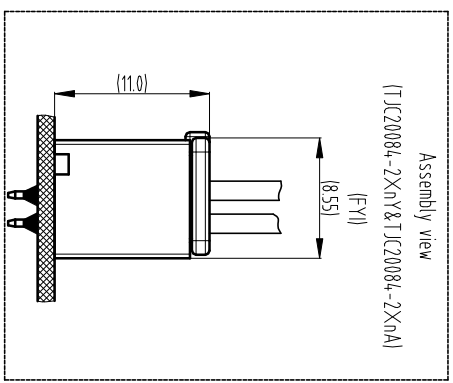
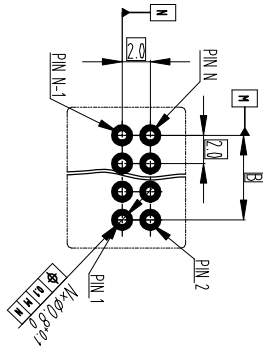
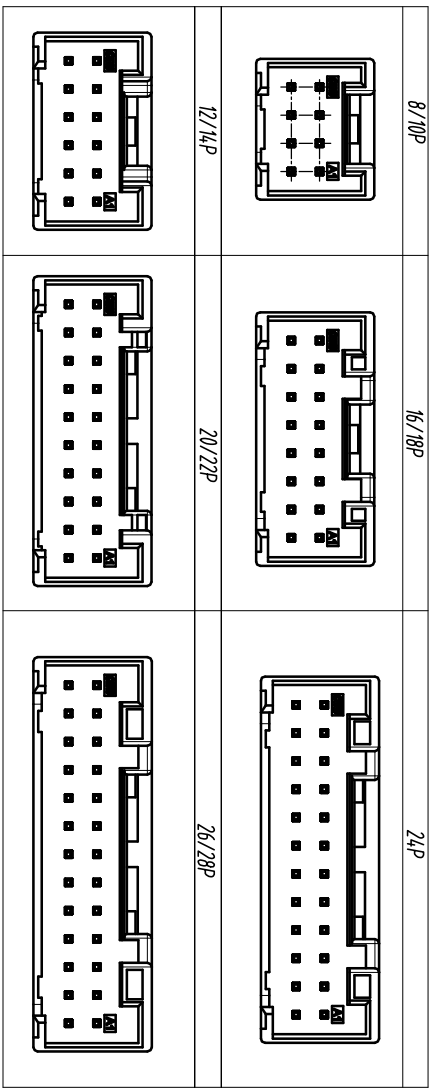
CUSTOMER DRAWING

Drawn	Pei Yang 2022.06.06	Unit	Scale	Size	Edition	Part No.:	CH-TJC20084-**	
Checked	GaoYing Weng 2022.06.06	mm	5:1	A4	B0	Previous part No.:	/	
Approved	Dongxuliu 2022.06.06	Sheet No.	1 Of 1			Document No.:	CP-DWG-01588	
							Specification No.:	PS4170

CWB

Title: 2mm pitch WTB contact

General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13						
	3~18	±0.23						
	18~50	±0.35						
	≥50	±0.55						



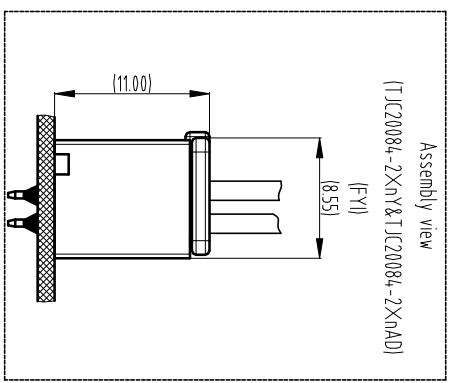
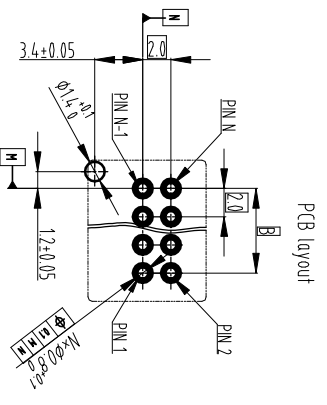
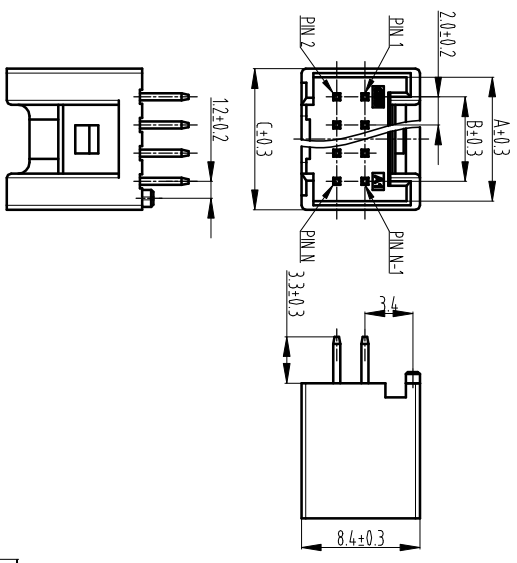
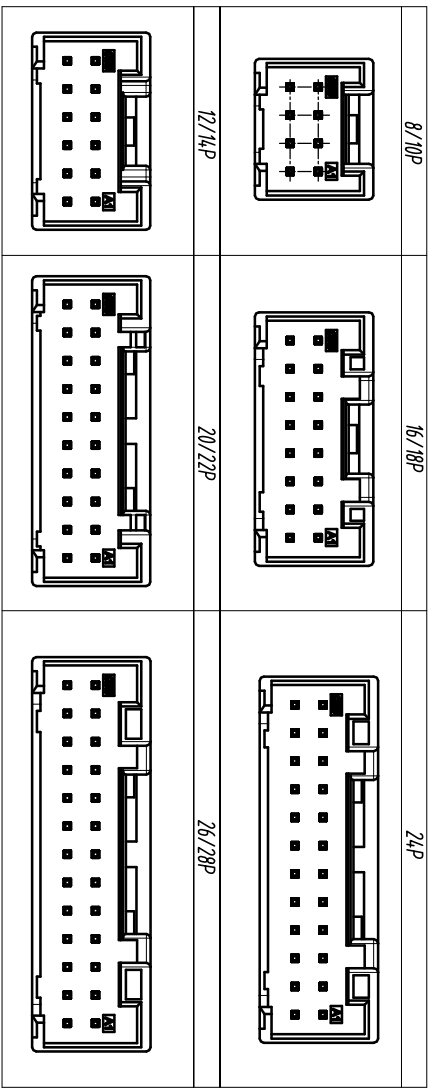
Part No.	A	B	C
TJC20084-2X14A	28.8	26.00	30.0
TJC20084-2X13A	26.8	24.00	28.0
TJC20084-2X12A	24.8	22.00	26.0
TJC20084-2X11A	22.8	20.00	24.0
TJC20084-2X10A	20.8	18.00	22.0
TJC20084-2X9A	18.8	16.00	20.0
TJC20084-2X8A	16.8	14.00	18.0
TJC20084-2X7A	14.8	12.00	16.0
TJC20084-2X6A	12.8	10.00	14.0
TJC20084-2X5A	10.8	8.00	12.0
TJC20084-2X4A	8.80	6.00	10.0

CUSTOMER DRAWING

- Notes:
- 1.Material:
 - 2.Matched housing: TJC20084-2XnY
 - 3.Packaging: packing bag
 - 4.Compliant to the current RoHS
- Material: PA66+GF UL94 V-0
 Post: brass, tin Plated

Drawn		Unit		Scale		Size		Edition		Title	
Pei.Yang 2022.5.21		mm		2:1		A4		B0		2.0mm pitch WTB header	
Checked		Sheet No.		1 of 1						Part No.: TJC20084-2XnA(***.*)	
Guojing.Wang 2022.05.21		CWB								Previous part No.: /	
Approved		Document No.:		CP-DWG-01589						Specification No.: PS4170	
Dongxuliu 2022.05.21											

General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13						
	3~18	±0.23						
	18~50	±0.35						
	≥50	±0.55						



Part No.	A	B	C
TJC20084-2X14AD	28.8	26.00	30.0
TJC20084-2X13AD	26.8	24.00	28.0
TJC20084-2X12AD	24.8	22.00	26.0
TJC20084-2X11AD	22.8	20.00	24.0
TJC20084-2X10AD	20.8	18.00	22.0
TJC20084-2X9AD	18.8	16.00	20.0
TJC20084-2X8AD	16.8	14.00	18.0
TJC20084-2X7AD	14.8	12.00	16.0
TJC20084-2X6AD	12.8	10.00	14.0
TJC20084-2X5AD	10.8	8.00	12.0
TJC20084-2X4AD	8.80	6.00	10.0

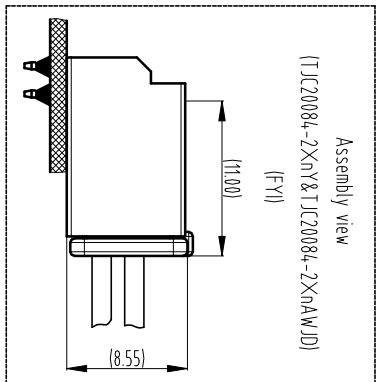
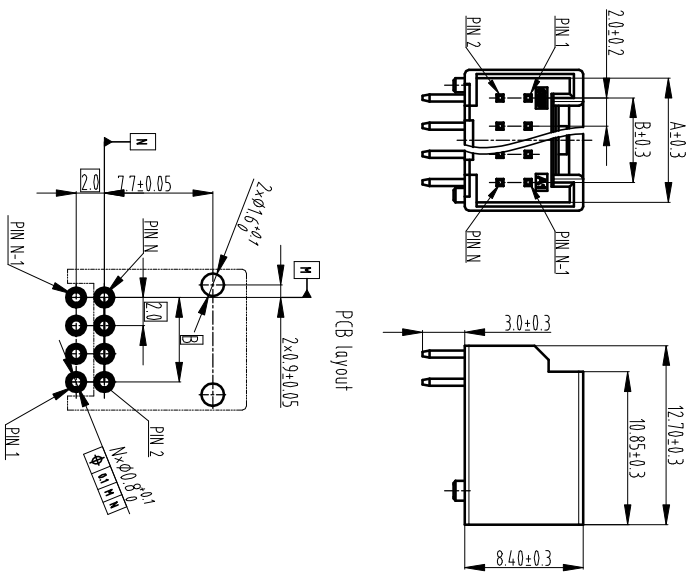
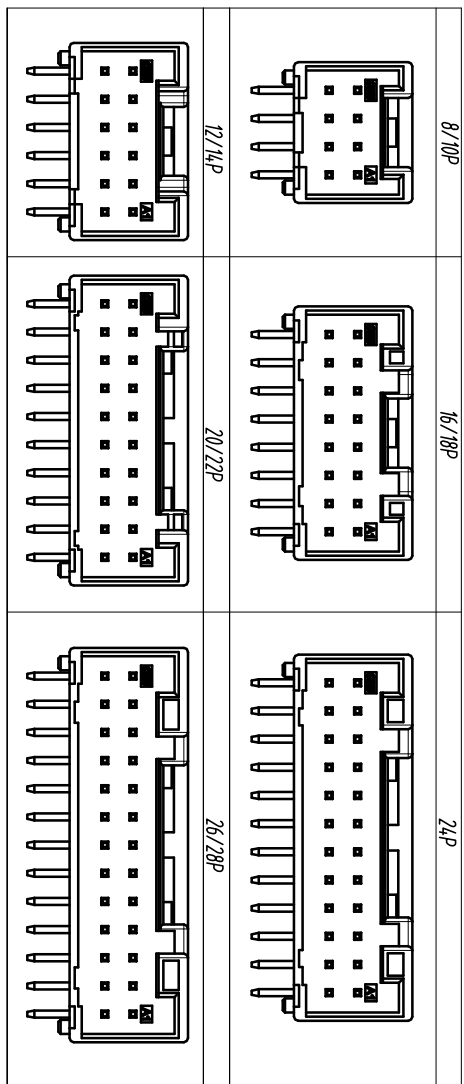
CUSTOMER DRAWING

- Notes:
- Material: Mater: PA66+GF UL94 V-0
 - Post: brass, tin Plated
 - Matched housing: TJC20084-2XnY
 - Packaging: packing bag
 - Compliant to the current RoHS

Drawn		PeiYang 2022.06.06		Unit		mm		Scale		2:1		Size		A4		Edition		B0		Part No.:		TJC20084-2XnAD(*x-x)	
Checked		Guoying Wang 2022.06.06		Sheet No.		1 of 1		Approved		Dongxuliu 2022.06.06		Specification No.:		PS4710		Document No.:		CP-DWG-01590		Previous part No.:		/	

CWB

General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13						
	3~18	±0.23						
	18~50	±0.35						
	≥50	±0.55						

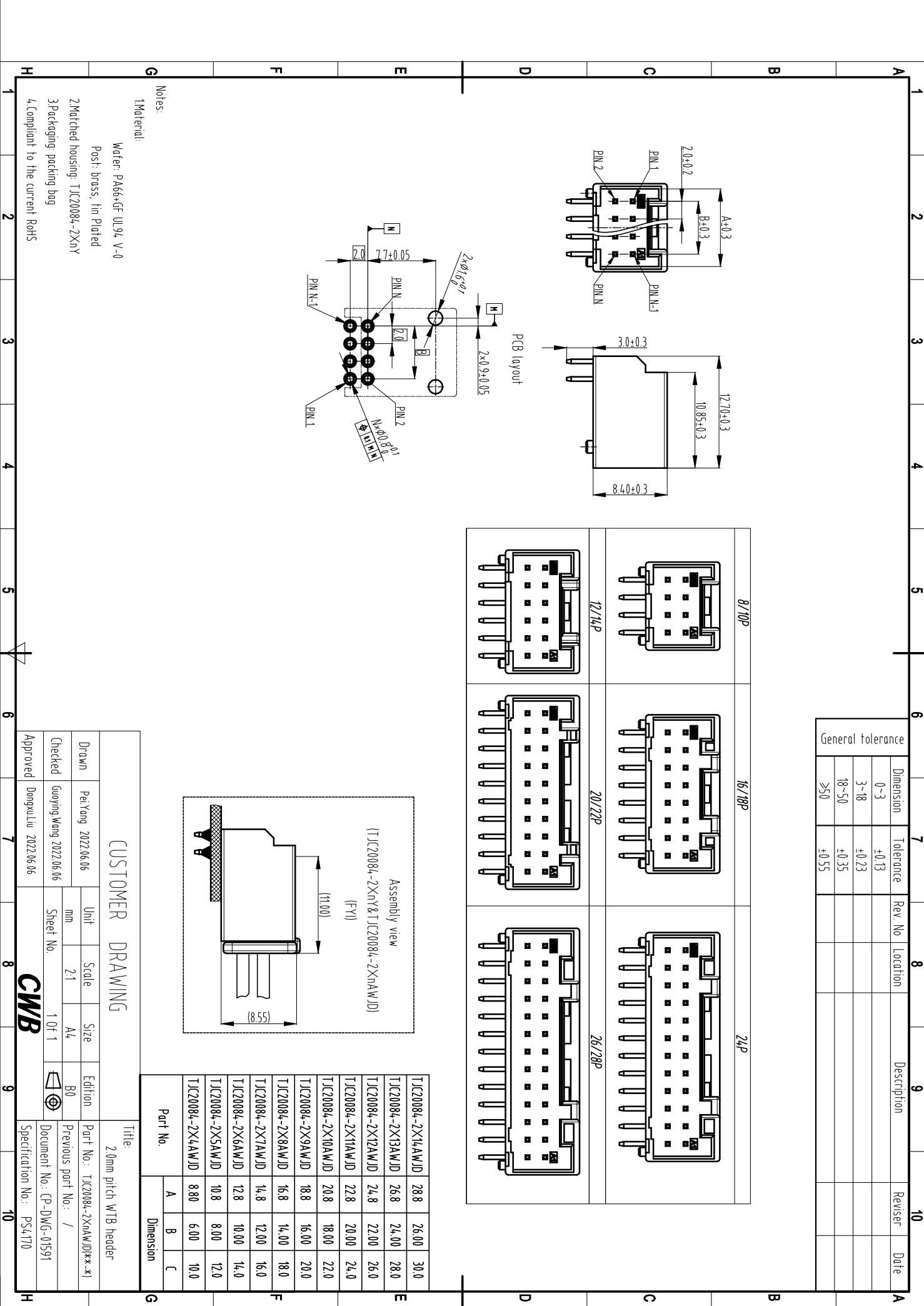


Part No.	Dimension		
	A	B	C
TJC20084-2X14AWJD	28.8	26.00	30.0
TJC20084-2X13AWJD	26.8	24.00	28.0
TJC20084-2X12AWJD	24.8	22.00	26.0
TJC20084-2X11AWJD	22.8	20.00	24.0
TJC20084-2X10AWJD	20.8	18.00	22.0
TJC20084-2X9AWJD	18.8	16.00	20.0
TJC20084-2X8AWJD	16.8	14.00	18.0
TJC20084-2X7AWJD	14.8	12.00	16.0
TJC20084-2X6AWJD	12.8	10.00	14.0
TJC20084-2X5AWJD	10.8	8.00	12.0
TJC20084-2X4AWJD	8.80	6.00	10.0

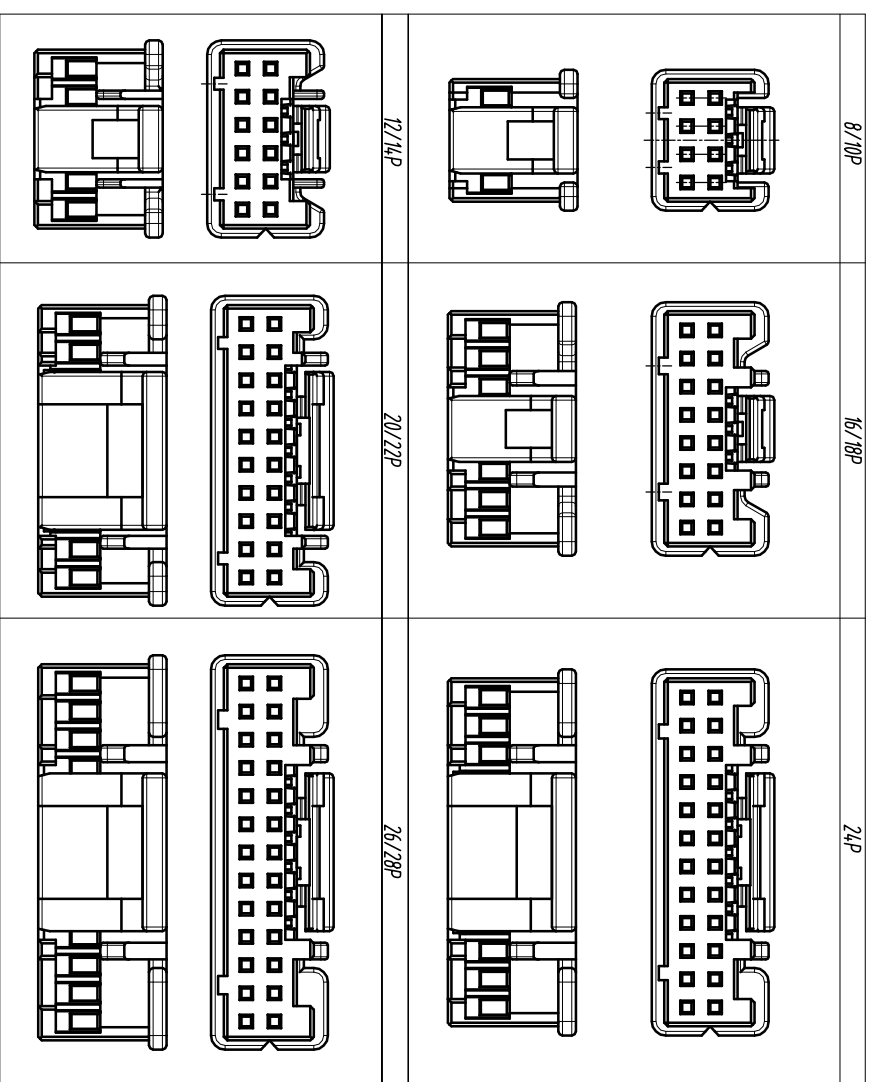
CUSTOMER DRAWING

Title: 2.0mm pitch WTB header			
Drawn	PeiYang 2022.06.06	Unit	mm
Checked	Guoying Wang 2022.06.06	Scale	2:1
Approved	Dongxuliu 2022.06.06	Size	A4
Edition		B0	
Part No.: TJC20084-2XnAWJD(x*x)		Previous part No.: /	
Sheet No.		1 of 1	
Document No.: CP-DWG-01591		Specification No.: PS4710	

- Notes:
- 1.Material: Water: PA66+GF UL94 V-0
 - 2.Matched housing: TJC20084-2XnY
 - 3.Packaging: packing bag
 - 4.Compliant to the current RoHS



General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13							
3~18	±0.23							
18~50	±0.35							
≥50	±0.55							



TJC20084-2x14Y	28.70	26.00
TJC20084-2x13Y	26.70	24.00
TJC20084-2x12Y	24.70	22.00
TJC20084-2x11Y	22.70	20.00
TJC20084-2x10Y	20.70	18.00
TJC20084-2x9Y	18.70	16.00
TJC20084-2x8Y	16.70	14.00
TJC20084-2x7Y	14.70	12.00
TJC20084-2x6Y	12.70	10.00
TJC20084-2x5Y	10.70	8.00
TJC20084-2x4Y	8.70	6.00
Part No.	A	B
Dimension		

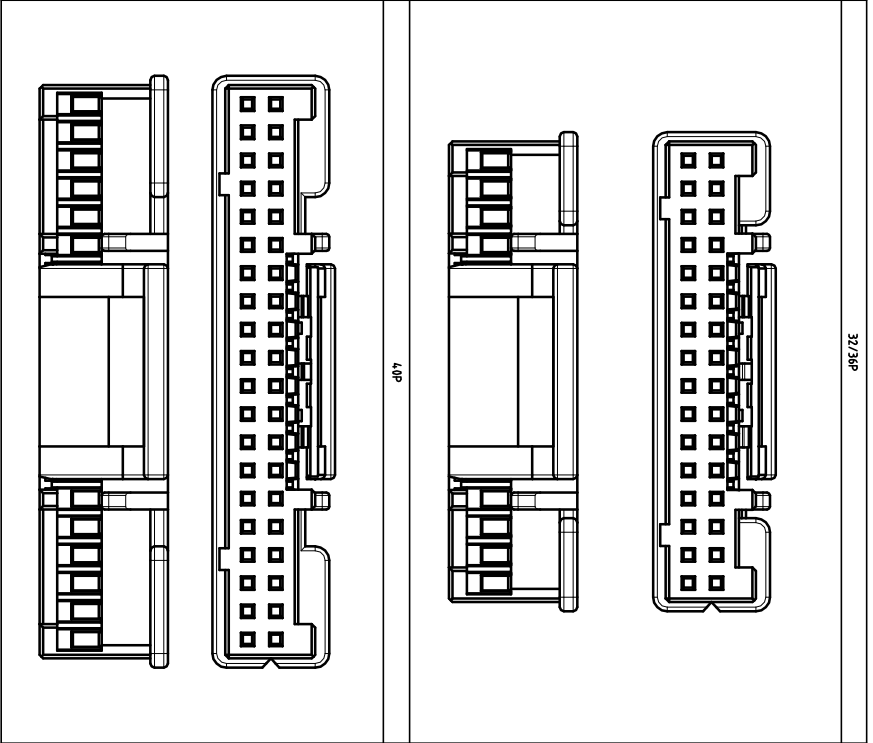
Notes:

- 1.Material: PA66 UL94 V-0
- 2.Matched header: TJC20084-2XnA/TJC20084-2XnAD/TJC20084-2XnAW/Dseries header
- 3.Matched contact: CH-TJC20084/CH-TJC20084-1
- 4.Packaging: packing bag
- 5.Compliant to the current RoHS

CUSTOMER DRAWING				Title:	
Drawn	PeiYang 2022.06.06	Unit	mm	Scale	2:1
Checked	GaoYingWang 2022.06.06	Sheet No.	1 of 1		
Approved	Dengxulin 2022.06.06	Edition		B0	
Part No.:			TJC20084-2XnY(k-k-x)		
Previous part No.:			/		
Document No.:			CP-DWG-01592		
Specification No.:			PS4170		

CWB

General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13						
	3~18	±0.23						
	18~50	±0.35						
	≥50	±0.55						



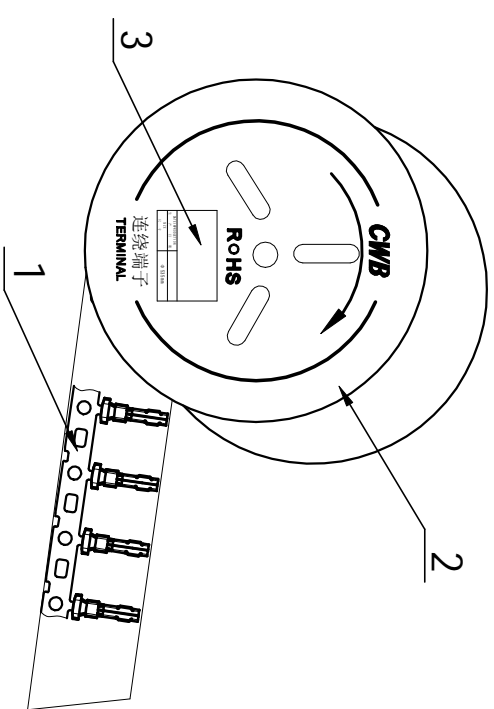
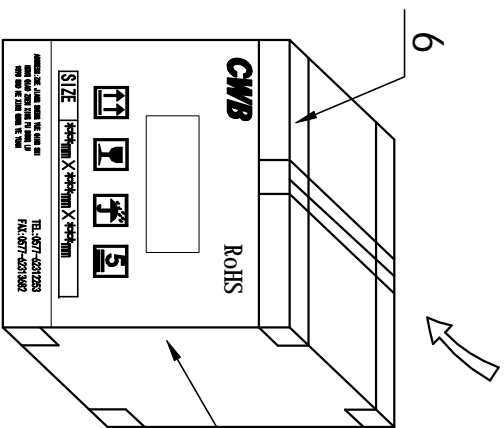
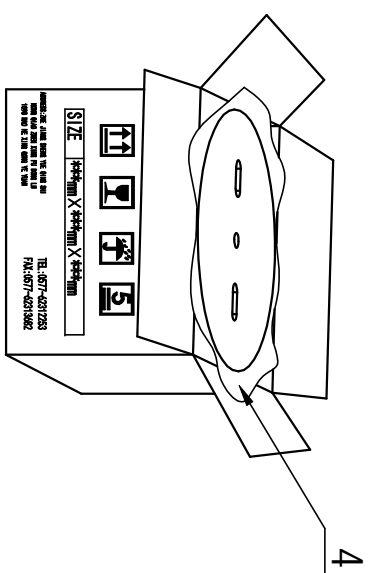
TJC20084-2*20Y	40.70	38.00
TJC20084-2*18Y	36.70	34.00
TJC20084-2*16Y	32.70	30.00
Part No.	A	B
Dimension		

- Notes:
- 1.Material: PA66 UL94 V-0
 - 2.Matched header: TJC20084-2XnA/TJC20084-2XnAD/TJC20084-2XnAWIDseries header
 - 3.Matched contact: CH-TJC20084/CH-TJC20084-1
 - 4.Packaging: packing bag
 - 5.Compliant to the current RoHS

CUSTOMER DRAWING				Title:	
Drawn	PeiYang 2022.06.06	Unit	mm	Scale	2:1
Checked	GaojingWang 2022.06.06	Sheet No.	1 of 1	Size	A4
Approved	Dengxulin 2022.06.06	Edition	B0	Part No.:	TJC20084-2XnY(k*-*)
				Previous part No.:	/
				Document No.:	CP-DWG-0T592
				Specification No.:	PS4170

CWB

General Tolerance		Dimension	Tolerance	Rev No	Location	Description	Reviser	Date
	0~3	±0.13						
	>3~18	±0.23						
	>18~50	±0.35						
	>50	±0.55						



Number	Designation	Remarks
1	CH-1JC20084/CH-1JC20084-1	
2	Reel	CH-1JC20084 12Kpcs/reel
3	Centrifigate	
4	Packing bag	CH-1JC20084 144Kpcs/box
5	Packing box	CH-1JC20084-1 96Kpcs/box
6	Gummed tape	

CUSTOMER DRAWING

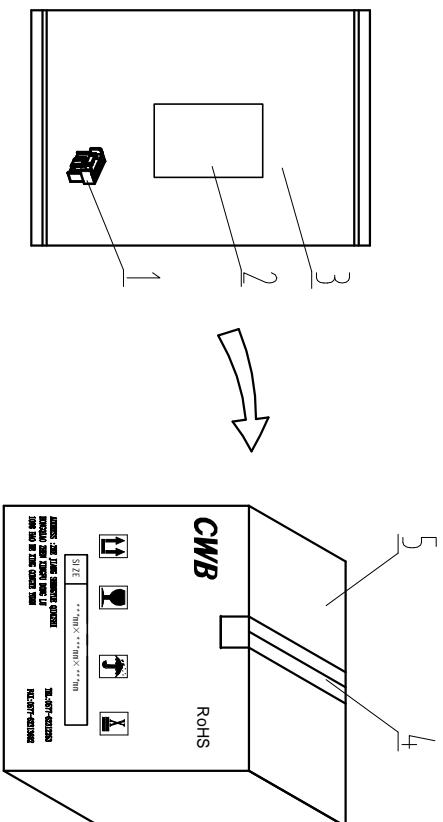
Title: Packaging specification

Drawn	PeiYong 2022.6.9	Unit	mm	Scale	/	Size	A4	Edition	B0	Part No.:	CH-1JC20084/-1
Checked	Guoying Wang 2022.6.9	Sheet No.	1 of 1							Previous part No.:	/
Approved	Dongxuliu 2022.6.9	CWB		Document No.:		BZ-DWG-00857		Specification No.:		PS4770	

General tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13						
	3~18	±0.23						
	18~50	±0.35						
	50~120	±0.55						

Packing bag

Packing box



5	Packing box	TJC2008L-2x20Y	200					
4	Gunned rope	TJC2008L-2x8Y	300					
3	Packing bag	TJC2008L-2x7Y	500					
2	Certificate	TJC2008L-2x6Y	500					
1	TJC2008L-2x6Y	TJC2008L-2x5Y	1000					
		TJC2008L-2x4Y	1000					
Number	Designation	Part No.	Pcs/ bag	Remarks				

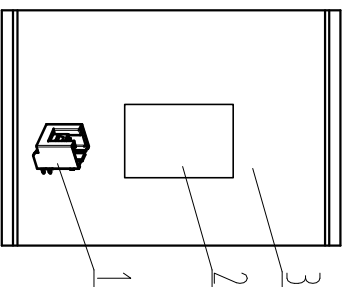
CUSTOMER DRAWING

Title: Packaging specification

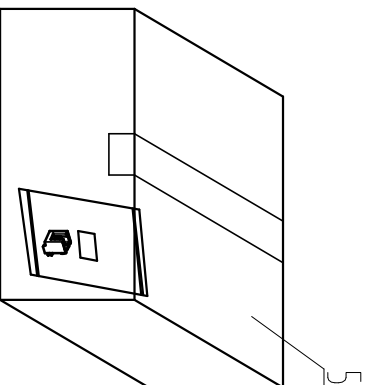
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Checked	Guoying Wang 2022.6.9	Sheet No.	1 OF 1		CWB				Previous part No.:	/	
Approved	Dongxuliu 2022.6.9	Document No.: BZ-DWG-00861									
Specification No.: P54.170											

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13					
3~18	±0.23					
18~50	±0.35					
50~120	±0.55					

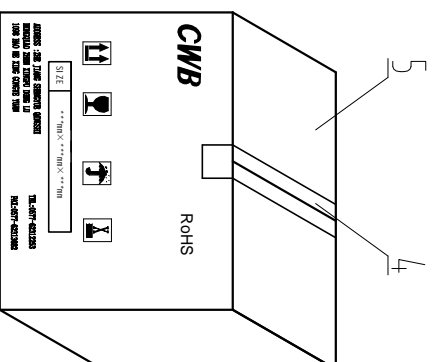
Packing bag



Inner box



Packing box



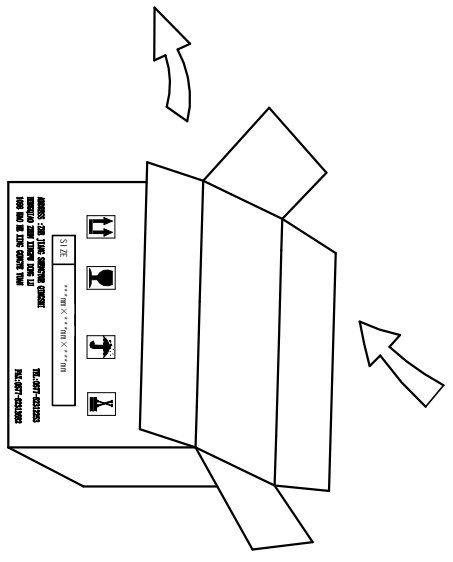
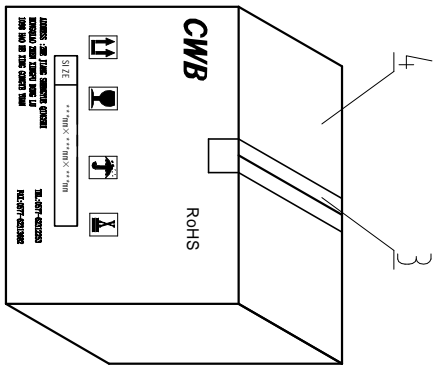
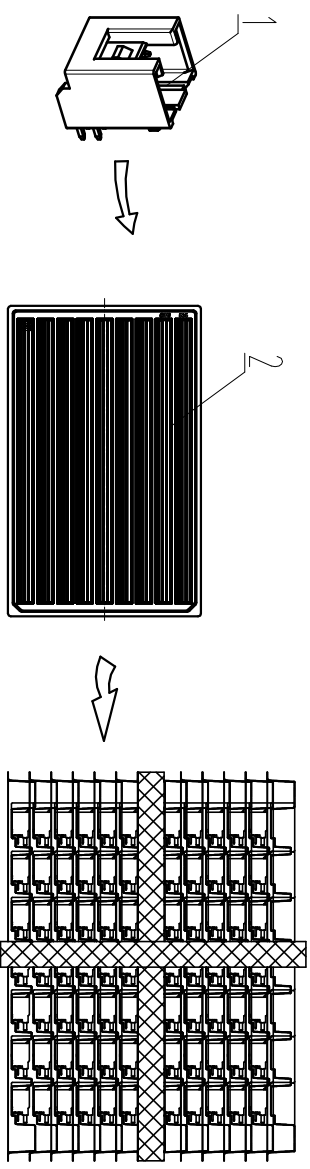
5	Packing box	TJC20084-2X114A/AD/AW/D	200
4	Gummed tape	TJC20084-2X134A/AD/AW/D	200
3	Packing bag	TJC20084-2X124A/AD/AW/D	200
2	Centrifuge	TJC20084-2X54A/AD/AW/D	1000
1	TJC20084-2x44A/AD/AW/D	TJC20084-2x44A/AD/AW/D	1000

CUSTOMER DRAWING

CUSTOMER DRAWING				Title: Packaging specification	
Drawn	Per.Yang	2022.06.09	Unit	Scale	Size
Checked	Guoying Wang	2022.06.09	mm	/	A4
Approved	Dongxulu	2022.06.09	Sheet No.	1 of 1	B0
Part No.: TJC20084-2xM/TJC20084-nAD* xxx -x1		Previous part No.: /		Edition	
Document No.: BZ-DWG-00858		Specification No.: P54.170		Part No.	
				Psr/ Remarks	

CWB

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13					
3~18	±0.23					
18~50	±0.35					
50~120	±0.55					



Part No.	Quantity	Quantity	Quantity	Quantity
(PCS/Tray)	(Remarks)	(Remarks)	(Remarks)	(Remarks)
TJC20084-2X14AWJD	81	810	3240	
TJC20084-2X13AWJD	90	900	3600	
TJC20084-2X12AWJD	99	990	3960	
TJC20084-2X11AWJD	99	990	3960	
TJC20084-2X10AWJD	117	1170	4680	
TJC20084-2X9AWJD	76	760	5400	
TJC20084-2X8AWJD	135	1350	5400	
TJC20084-2X7AWJD	153	1530	6120	
TJC20084-2X6AWJD	180	1800	7200	
TJC20084-2X5AWJD	207	2070	8280	
TJC20084-2X4AWJD	252	2520	10080	

CUSTOMER DRAWING

Title: Packaging specification

Drawn	Pei.Yang 2022.06.09	Unit	mm	Scale	/	Size	A4	Edition	B0	Part No.:	TJC20084-2x4AWJD(x-k-x)
Checked	Guoying.Wang 2022.06.09	Sheet No.	1 of 1							Previous part No.:	/
Approved	Dongxu.Liu 2022.06.09									Document No.:	BZ-DWG-00876
										Specification No.:	PSA170



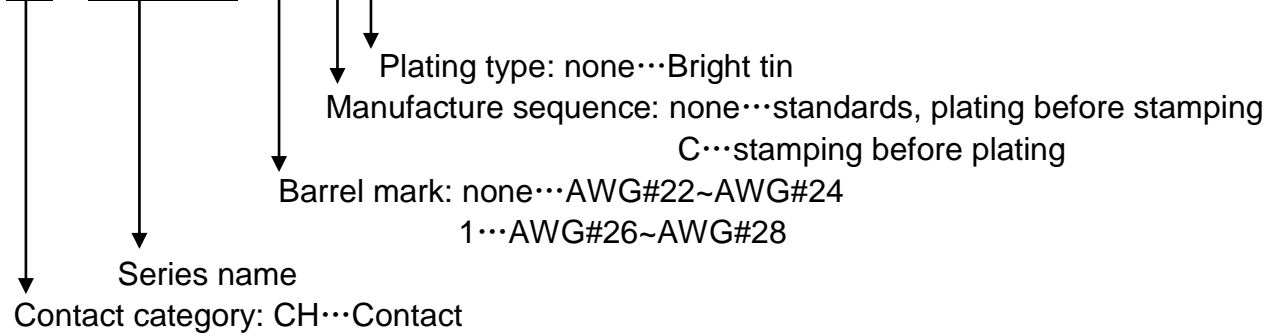
TJC20084 系列命名规则

TJC20084 series naming conventions

1. Contact

CH-TJC20084-*-*

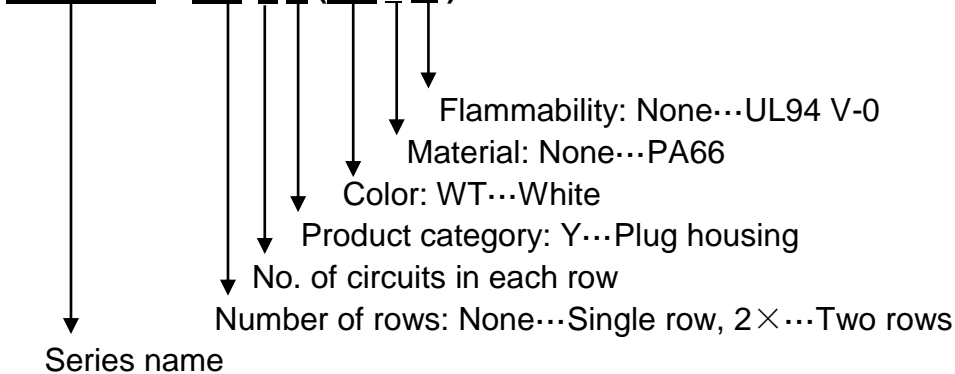
CH - TJC20084 - * - * *



2. Housing

TJC20084-2×nY (**-*)

TJC20084 - 2× n Y (WT * -*)



3. Header

TJC20084-2×nA(**-*)、TJC20084-2×nAD(**-*)、TJC20084-2×nAWJD(**-*)

TJC20084 - 2× n A * * * (NL * -*)

