



# 产品规格书

## PRODUCT SPECIFICATION

产品描述: TJC80001Connector

Product Description: TJC80001 Connector

### 目录

### Index

1. 更改履历 Change History
2. 范围 Scope
3. 产品描述 Product Description
4. 相关标准 Related Standards
5. 参数范围 Parameter Ratings
6. 产品性能 Performance
7. 测试分组 Test Sequences

<b>CWB 浙江合兴电子元件有限公司</b> CWB Electronics (Zhejiang) Co., Ltd.	<u>制定 Edit:</u> 杨培 2019. 1. 15	<u>产品名称 Product Name:</u> <b>TJC80001</b>
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 Fax: 86-577-62313681	<u>审核 Check:</u> 王国英 2019. 1. 15	<u>编号 Document No.:</u> <b>PS3971</b>
	<u>批准 Approval :</u> 刘冬旭 2019. 1. 15	<u>版本 REVISION:</u> <b>1</b>



# 产品规格书

## PRODUCT SPECIFICATION

### 1. 更改履历 Change History

序号 No.:	版本号 Version No.	更改前描述 Description Before Modification	更改后描述 Description After Modification	日期 Date
1	1	旧版规格书	新版规格书	2019.1.15
2				
3				
4				
5				

产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1
-----------------------	----------	--------------------	--------	-------------------	---

### 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 **CTB 8.0P 阴型 & 阳型电子连接器**，产品名称：**TJC80001**。

This product specification covers the requirement for **Cable to Board 8.0mm pitch Receptacle & Plug connector**, which is designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: **TJC80001**.

### 3. 产品描述 Product Description

TJC80001 系列产品为家电连接器产品，产品部件组成如下：

The TJC80001 series connector designed for home appliances connection. Part checklist as following form:

Name	Part name	Notes
阳连接器 Plug Connector	TJC80001-1A	Plug Housing: PA66 UL94 V-0 Pin Contact : Brass, Tin over nickel plating
阳连接器 Plug Connector	TJC80001-2A	Plug Housing: PA66 UL94 V-0 Pin Contact : Brass, Tin over nickel plating
阳连接器 Plug Connector	TJC80001-3A	Plug Housing: PA66 UL94 V-0 Pin Contact : Brass, Tin over nickel plating
阳连接器 Plug Connector	TJC80001-4A	Plug Housing: PA66 UL94 V-0 Pin Contact: Brass, Tin over nickel plating
条形连接器孔座 Receptacle Housing	TJC80001-1Y	PA66 UL94 V-0
条形连接器孔座 Receptacle Housing	TJC80001-2Y	PA66 UL94 V-0
条形连接器孔座 Receptacle Housing	TJC80001-3Y	PA66 UL94 V-0
条形连接器孔座 Receptacle Housing	TJC80001-4Y	PA66 UL94 V-0
插簧 Socket Contact	CH-TJC80001	Phosphor bronze, Tin plating

### 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，则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，则本规格书为优先。

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	电工电子产品环境试验 第一部分 总则 Testing Method for Environmental of Electrical Connectors Class 1: General Principles
GB/T 2423	电工电子产品环境试验方法 Testing Method for Environmental of Electrical Connectors
GB/T 2424	电工电子产品环境试验导则 Testing Method for Environmental of Electrical Connectors

产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1
-----------------------	----------	--------------------	--------	-------------------	---



# 产品规格书

## PRODUCT SPECIFICATION

GB/T 5095 电子设备用机电元件基本试验规程及测量方法

Testing procedure/Method for components of electric equipment

产品符合合兴企标 Q/HX J1150001 《产品及所用材料的环保要求》 I类或顾客要求。

The connector should comply with CWB standard Q/HX J1150001 Class I or customer's requests

### 5. 参数范围 Parameter Ratings:

额定电流 Rated Current	Current Rating: 1mA~8A [AC(有效值 rms)/DC]
适用 PCB 板厚度 Applicable PCB board thickness	Applicable PCB board thickness : 1.6mm
额定电压 Rated Voltage	250V [AC(有效值 rms)/DC]
使用温度范围 Operating temperature range	-25°C ~+85°C
适用线型 Applicable wires	Wire Size: AVR-90 0.3 、60227 IEC08 RV-90 0.5、60227 IEC08 RV-90 0.75 (0.3mm <sup>2</sup> -0.75 mm <sup>2</sup> ) Insulation Diameter: 1.5mm-2.33mm

### 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 eye 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 5095.1 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	端子的插入力与固定力 Insertion force and Retention Force for Contact	固定连接器和/或测力计, 在连接器轴线方向插入和拔出; 速度不大于 25 mm/min. Axial Insert and withdraw force on the contact in the housing at a rate less than 25 mm/min. GB/T 5095.8 Method 15d / EIA-364-29B	插入力 (Insertion) Max.	固定力(Retention) Min.
			9.8N	29.4N
6.1.3	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, 在连接器轴线方向插入和拔出; 速度不大于 25 mm/min. Axial Insert and withdraw force on the pin contact in the socket contact of 25mm per minute. GB/T 5095.7 Method 13b / EIA-364-13B	插入力 (Insertion) Max.	拔出力(Withdrawal) Min.
			9N	2N

产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1
-----------------------	----------	--------------------	--------	-------------------	---



# 产品规格书

## PRODUCT SPECIFICATION

6.1.4	针的固定力 Retention Force for Pin	固定连接器/或测力计，在连接器轴线方向施加规定的推力进行测试，速度不大于 25mm/min。 Apply thrust force on the Pin in the wafer at a rate of 25 mm/min . <b>GB/T 5095.8 Method 15a / EIA-364-29B</b>	20NMin			
6.1.5	压着部位抗张强度 Crimping Pull Out Force	在试验装置夹头中固定试验样品，在连接的轴线方向施加张力;速度不大于 25mm/min。 Fix the crimped contact, Axial pull out force on the contact in the housing at a rate less than 25 mm/min. <b>GB/T5095.8 Method 16d / EIA-364-08B</b>	AVR-90 0.3 / KV(SH) 0.3: 35N Min. 60227 IEC08 RV-90 0.5: 80N Min. 60227 IEC08 RV-90 0.75: 100N Min.			
6.1.6	成品插入力与拔出力 Insertion and Withdrawal Force for Connector	固定连接器/或测力计，在连接器轴线方向插入和拔出;速度不大于25mm/min。 Apply Axial Insert and withdraw force on the contact in the housing at a rate less than 25 mm/min. <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	PIN	首次插入力 (Insertion 1st ) Max	首次拔出力 Withdrawal (1st) Min	六次后拔出力 Withdrawal (6th) Min
			1P	17.4 N	2.9~14.7 N	2.9N
			2P	29.4 N	5.9~29.4 N	3.9N
			3P	44.1 N	8.8~44.1 N	5.8N
			4P	58.9 N	11.8~58.9N	7.8N
6.1.7	机械振动 Random Vibration	插合连接器，串联在一直流电源上,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2h。 Mated connectors subjected to following vibration conditions, for a period of 2 hours in each of 3 mutually perpendicular axes, 100mA current shall be applied. Frequency: (10~55~10) HZ/min. Amplitude: 1.52mm <b>GB/T 5095.4 Method 6d / EIA-364-28D</b>	外观：无损伤（参照6.1.1） Appearance: No damage.( refer to 6.1.1) 接触电阻：0.02Ω Max. 中断：1μsec Max. <1μsec discontinuity			
6.1.8	机械冲击 Shock	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/s <sup>2</sup> 持续时间：11ms Mated connectors and subject to the following shock conditions, 3times 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: Half Sine Peak Value: 490m/s <sup>2</sup> Duration: 11ms <b>GB/T 5095.4 Method 6c / EIA-364-27B</b>	外观：无损伤（参照6.1.1） Appearance: No damage.( refer to 6.1.1) 中断：1μsec Max. <1μsec discontinuity			
6.1.9	机械寿命 Durability	以每分钟 10 次的速度插拔 50 次。 50 cycles mating and unmating test at the speed 10 cycles per minute <b>GB/T 5095.5 Method 9a / EIA-364-09C</b>	外观：无损伤（参照6.1.1） Appearance: No damage.( refer to 6.1.1) 接触电阻：0.02Ω Max. Contact resistance: 0.02Ω Max.			

## 6.2 电气性能 Electrical

序号 No.	项 目 Item	测试条件 Test Condition			规格 Requirement	
产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1	



# 产品规格书

## PRODUCT SPECIFICATION

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 Mated connectors with dry circuit to test Contact Resistance <b>GB/T 5095.2 Method 2a / EIA-364-23B</b>	0.01 $\Omega$ Max. (Initial) 0.02 $\Omega$ 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. <b>GB/T 5095.2 Method 3a / EIA-364-21C</b>	1000 M $\Omega$ Min. (Initial) 800 M $\Omega$ Min. (Final)
6.2.3	耐电压 Withstand Voltage	相邻接触件之间或地线之间施加 1500V AC (有效值),漏电流 1mA 的电压作用,时间 1min. Apply a voltage of AC 1500V for 1 minute between adjacent contacts and between contacts to ground. <b>GB/T 5095.2 Method 4a / EIA-364-20B</b>	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 Mated connectors and measure the temperature rise of contact when the maximum AC rated current is passed. <b>GB/T 5095.3 Method 5a / EIA-364-70A</b>	$\Delta 30^{\circ}\text{C}$ 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 $105\pm 2^{\circ}\text{C}$ 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 $105\pm 2^{\circ}\text{C}$ for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11i / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max.
6.3.2	耐低温 Cold Resistance	连接器配合后, 于 $-40\pm 2^{\circ}\text{C}$ 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 $-40\pm 2^{\circ}\text{C}$ for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11j / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max.
6.3.3	恒定湿热 Humidity	温度 $40\pm 2^{\circ}\text{C}$ , 相对湿度(90~95)% 搁置时间 96h, 取出恢复 1~2h 后检查. Mated connectors exposed to the condition of $40\pm 2^{\circ}\text{C}$ (90~95) % Humidity for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11c / EIA-364-31B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max. 绝缘电阻: 1000 M $\Omega$ Min. Insulation Resistance : 1000 M $\Omega$ Min. 耐电压: 1500V Min. Withstand Voltage: 1500V Min.
6.3.4	温度循环 Temperature Cycling	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 $(-55\pm 2)^{\circ}\text{C}$ 的恒温条件下放置 0.5h; b) 在 $(85\pm 2)^{\circ}\text{C}$ 的恒温条件下放置 0.5h; 从 a)到 b)为一个循环周期, 共进行 5 个循环,恢复 1~2h 后检查。 Mated connectors shall be tested under the following	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max. 绝缘电阻: 500 M $\Omega$ Min. Insulation Resistance : 500 M $\Omega$ Min. 耐电压: 1500V Min.

产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1
-----------------------	----------	--------------------	--------	-------------------	---

		<p>conditions</p> <table border="1"> <thead> <tr> <th>Temperature °C</th> <th>Duration (Minutes)</th> </tr> </thead> <tbody> <tr> <td>1 -55</td> <td>30</td> </tr> <tr> <td>2 +25</td> <td>5Max.</td> </tr> <tr> <td>3 +85</td> <td>30</td> </tr> <tr> <td>4 +25</td> <td>5Max.</td> </tr> </tbody> </table> <p>Step 1 to 4 is one cycle, 5 cycles shall be tested. Recovery time 1~2 hours.</p> <p><b>GB/T 5095.6 method 11d / EIA-364-32C</b></p>	Temperature °C	Duration (Minutes)	1 -55	30	2 +25	5Max.	3 +85	30	4 +25	5Max.	Withstand Voltage: 1500V Min.
Temperature °C	Duration (Minutes)												
1 -55	30												
2 +25	5Max.												
3 +85	30												
4 +25	5Max.												
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)°C温度下连续雾化48h. 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 1~2h</p> <p>48 hours spray, at temp (35±2)°C, Salt NaCl mist (5±1)%</p> <p>After test wash parts and return to room ambient for 1~2 hours</p> <p><b>GB/T 5095.6 Method 11f / EIA-364-26B</b></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。)</p> <p>Appearance: No Damage (No erosion with material exposed. And with plating material, slight erosion on the cutting surface is acceptable)</p> <p>接触电阻: 0.02Ω Max.</p> <p>Contact resistance: 0.02Ω Max.</p>										
6.3.6	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(240±5)°C, 时间(2±0.5)s</p> <p>Dip solder tails into the molten solder(held at (240±5) °C for (2 ±0.5) sec.</p> <p><b>GB/T 5095.6 Method 12a / EIA-364-52</b></p>	<p>上锡率≥90%:</p> <p>Solder coverage: ≥90%</p>										
6.3.7	耐焊接热 Resistance to Soldering Heat	<p>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(5±1)s后, 在正常条件下恢复 1~2h。</p> <p>Dip solder tails into the molten solder(held at (260±5) °C for (5 ±1) sec., Recovery time 1~2 hours</p> <p><b>GB/T 5095.6 Method 12d / EIA-364-56A</b></p>	<p>外观: 无损伤 (参照6.1.1)</p> <p>Appearance: No damage.( refer to 6.1.1)</p>										
6.3.8	灼热丝 Glow wire	<p>750°C灼热丝顶部接触试验样品, 接触时间: (30±1) s</p> <p>接近和离开速率: 10mm/s~25mm/s</p> <p>灼热丝进入或贯穿试验样品深度: (7±0.5) mm</p> <p>750°C glow wire contacts with mated connector, Time: (30±1) s</p> <p>Speed of closing to and leaving: 10mm/s~25mm/s</p> <p>Depth that glow wire penetrates mated connector: (7±0.5) mm</p> <p><b>GB/T 5169.10</b></p>	<p>1. 试验样品燃烧时间不超过2s。</p> <p>The time that mated connector burns is not more than 2s.</p> <p>2、灼热丝离开后的30s内样件无火焰或灼热情况, 且无滴落物或滴落物不燃烧。</p> <p>30s after glow wire leaves mated connector, it does not burn or is no incandescence and it does not fall something or falling something does not burn.</p>										

产品名称 Product Name:	TJC80001	编号 Document No.	PS3971	版本号 VersionNo.	1
PAGE: 7 / 8					



# 产品规格书

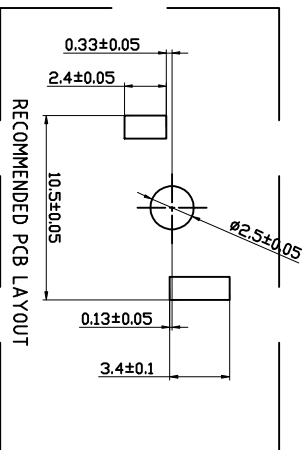
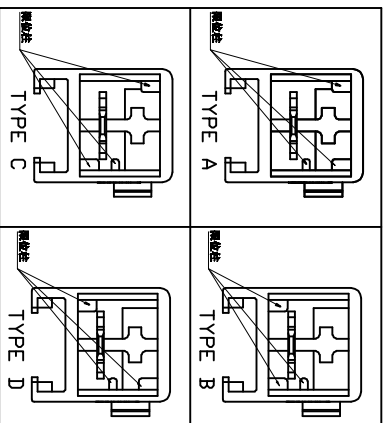
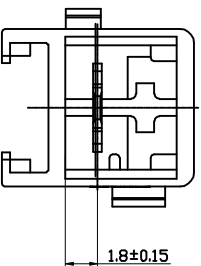
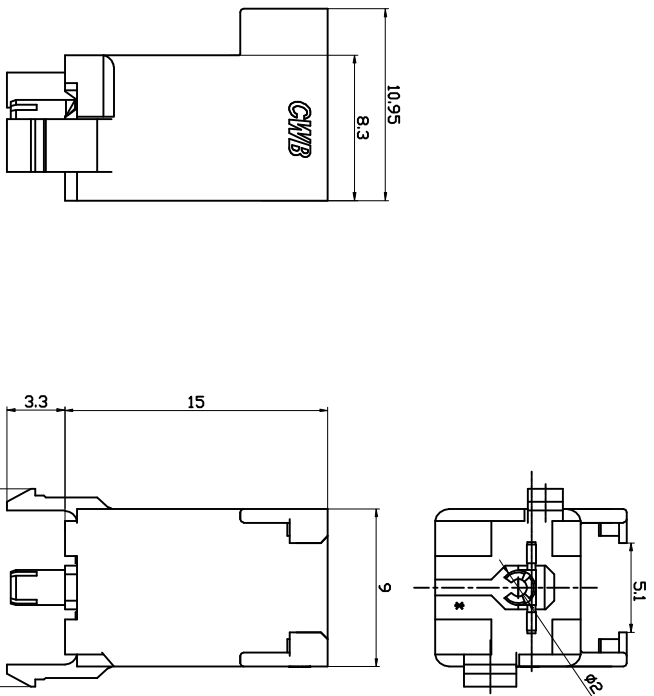
## PRODUCT SPECIFICATION

### 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
外观 Appearance	1	1	1	1	1,5	1,5	1,7	1	1,5	1,5	1,7	1,7	1,3	1,3
端子的插入力与固定力 Insertion force and Retention	2													
Force for contact														
压着部位抗张强度 Crimping Pull Out Force		2												
成品插入力与拔出力 Insertion and Withdrawal Force for Connector			2											
机械振动 Random Vibration				2										
机械冲击 Shock					3									
机械寿命 Durability						3								
接触电阻 Low Level Contact Resistance							5							
绝缘电阻 Insulation Resistance					2,4	2,4	2,6		2,4	2,4	2,4	2,4	2,4	
耐电压 Withstand Voltage							3				5	5		
温升 Temperature Rise							4				6	6		
耐高温 Heat Resistance								2						
耐低温 Cold Resistance									3					
恒定湿热 Humidity										3				
温度循环 Temperature Cycling											3			
盐雾 Salt Spray												3		
可焊性 Solderability													2	
耐焊接热 Resistance to Soldering Heat														2



General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3		±0.13						
3~18		±0.16						
18~50		±0.31						
≥50		±0.55						



Notes:

1.Material: PA66 UL94 V-0

Brass, Tin over Nickel Plating;

2.Matched Housing: TJC80001-1Y ;

3.Packing: Packing bag;

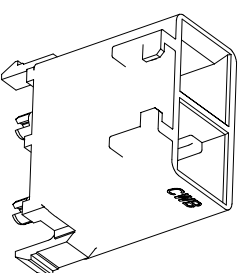
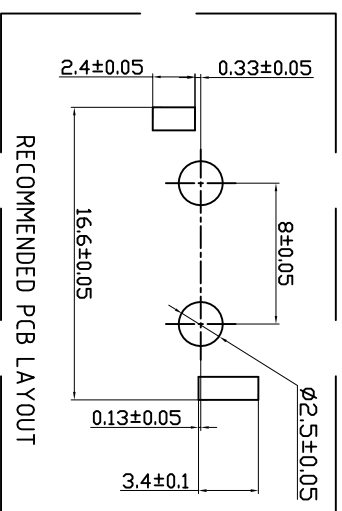
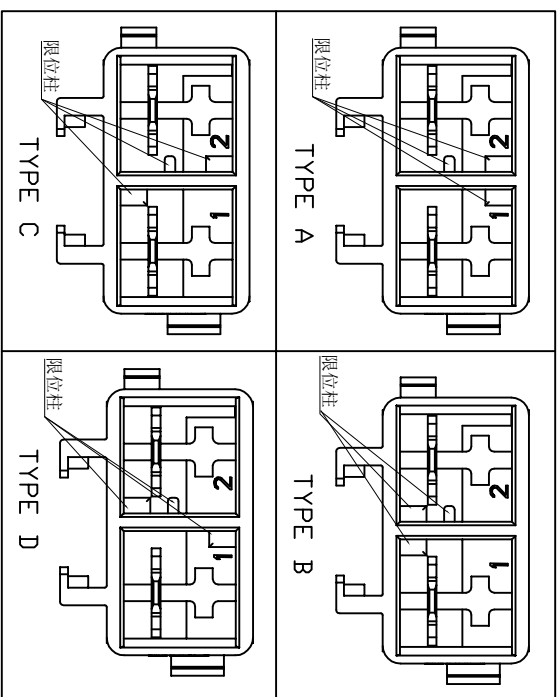
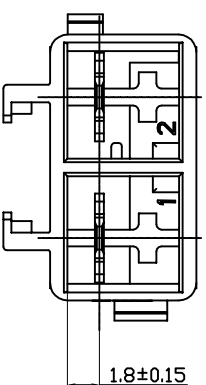
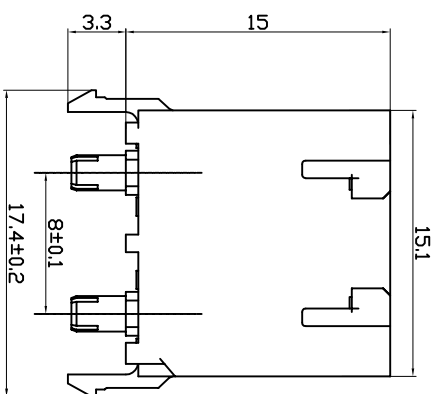
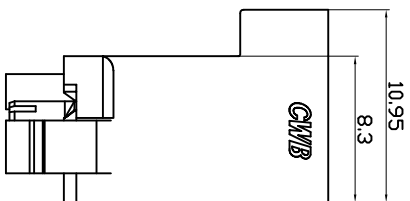
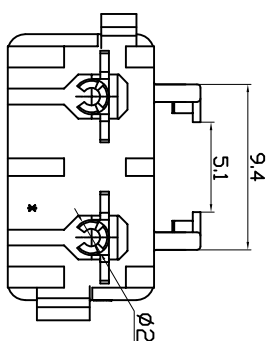
4.Compliant To The Current RoHS.

CUSTOMER DRAWING

Drawn	Ruiwen Gu 2017.8.24	Unit	Scale	Size	Edition	Title: 8 mm Pitch WTW Plug Connector
Checked	Guoying Wang 2017.8.26	Mm	2.5:1	A4	B	
Approved	Dongxu Liu 2017.9.1	Sheet No.	1 Of 1			Part No.: TJC80001-1A
						Document No.: CP-DWG-00529
						Specification No.: PS3971



Dimension	Tolerance	Rev	No	Location	Description	Reviser	Date
General Tolerance							
0~3	±0.13						
3~18	±0.16						
18~50	±0.31						
≥50	±0.55						



Notes:

1. Material: PA66 UL94 V-0

Brass, Tin over Nickel Plating;

2. Matched Housing: TJC80001-2Y ;

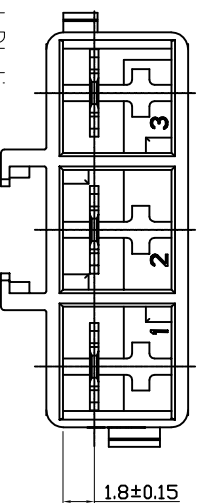
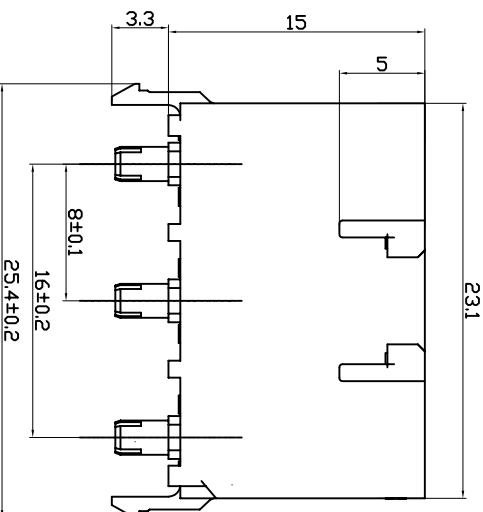
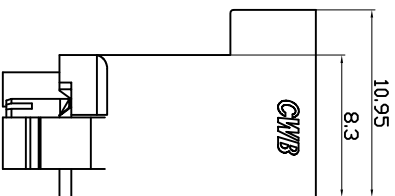
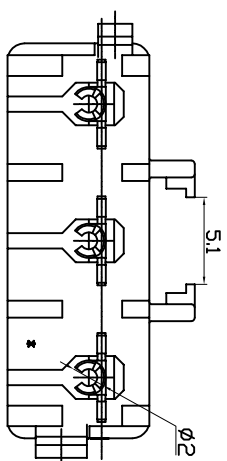
3. Packing: Packing bag;

4. Compliant To The Current RoHS.

CUSTOMER DRAWING				Title:	
Drawn	Ruiwen Guo 2017.8.24	Unit	Scale	Size	8 mm Pitch WTW Plug Connector
Checked	Guoying Wang 2017.8.26	mm	2.5:1	A4	
Approved	Dongxuliu 2017.9.1	Sheet No.	1 of 1	B	
				Part No.:	TJC80001-2A
				Document No.:	CP-DWG-00530
				Specification No.:	PS3971

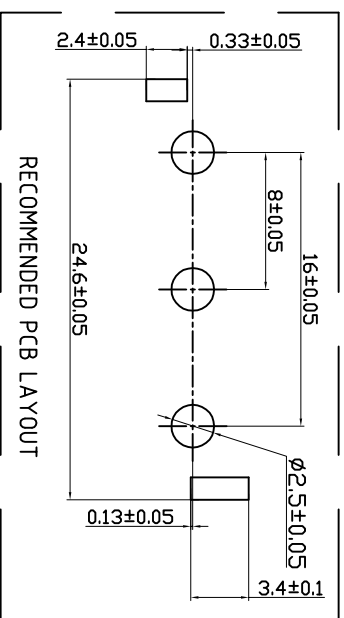
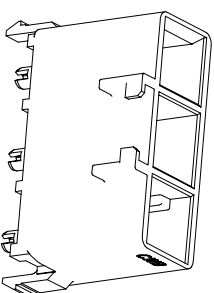
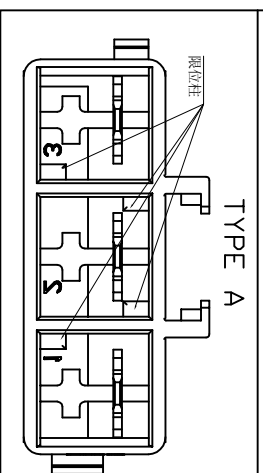
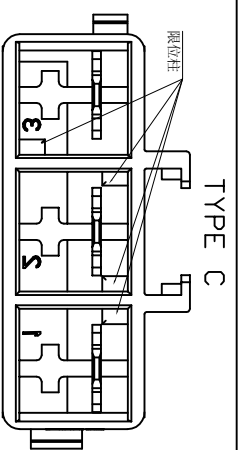
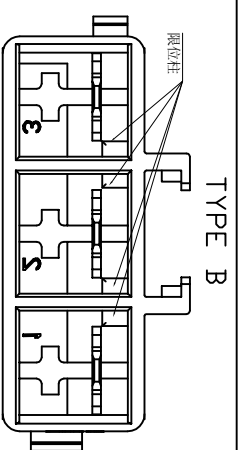
**CWB** 浙江台兴电子有限公司  
CWB Electronics (Zhejiang) Co., Ltd

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13					
	3~18		±0.16					
	18~50		±0.31					
	≥50		±0.55					

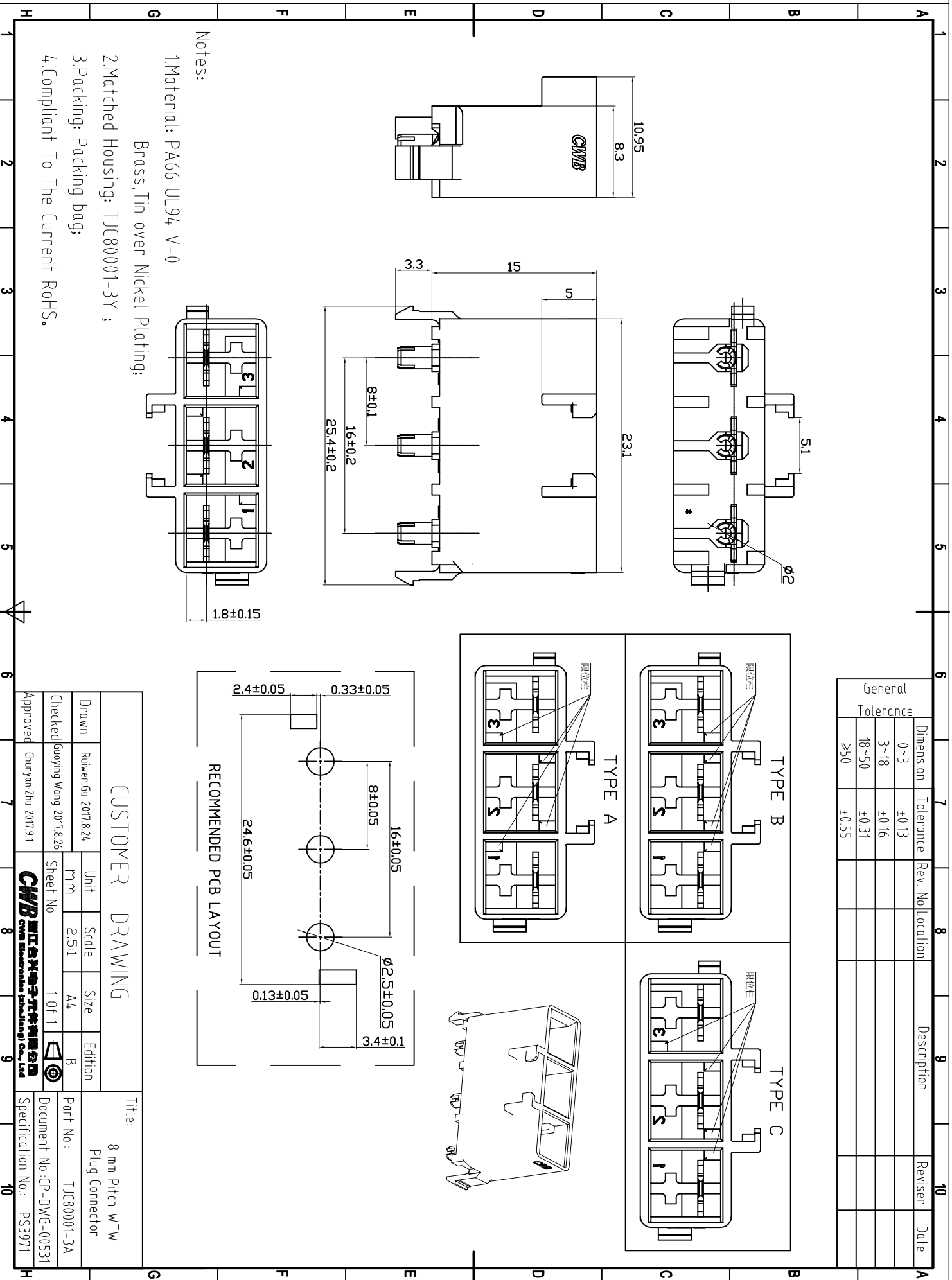


Notes:

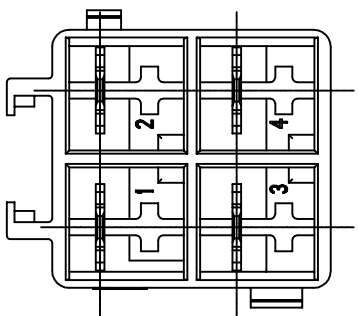
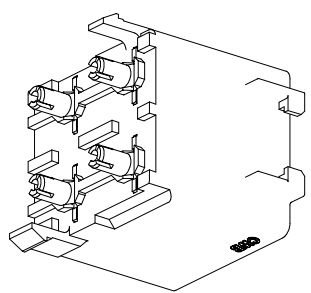
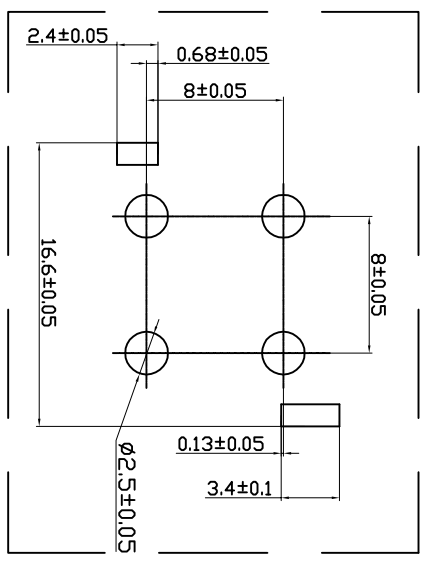
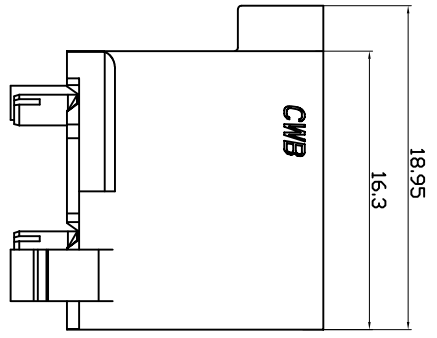
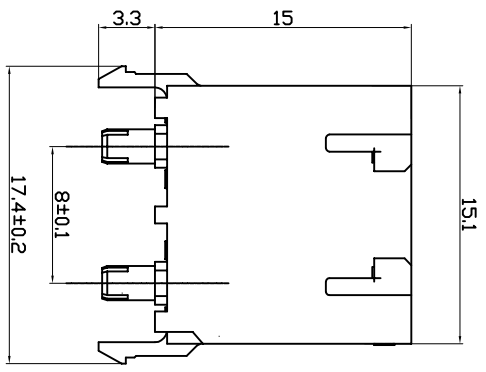
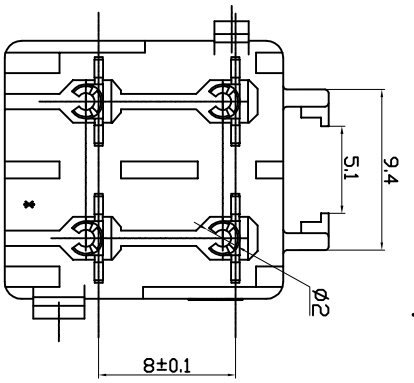
1. Material: PA66 UL94 V-0  
Brass, Tin over Nickel Plating;
2. Matched Housing: TJC80001-3Y ;
3. Packing: Packing bag;
4. Compliant To The Current RoHS.



CUSTOMER DRAWING				Title:	
Drawn	Ruiwen Gu 2017.8.24	Unit	mm	Scale	2.5:1
Checked	Guoying Wang 2017.8.26	Size	A4	Edition	B
Approved	Chunyan Zhu 2017.9.1	Sheet No.	1 Of 1	Part No.:	TJC80001-3A
				Document No.:	CP-DWG-00531
				Specification No.:	PS3971



Dimension	Tolerance	Rev	No	Location	Description	Reviser	Date
0~3	±0.13						
3~18	±0.16						
18~50	±0.31						
≥50	±0.55						



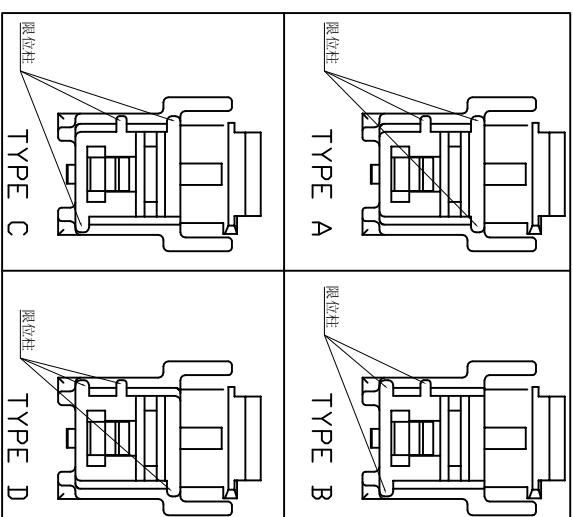
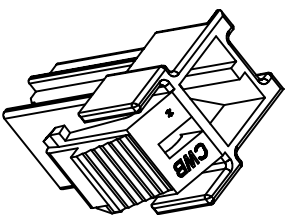
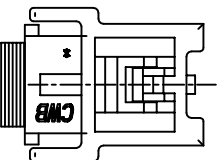
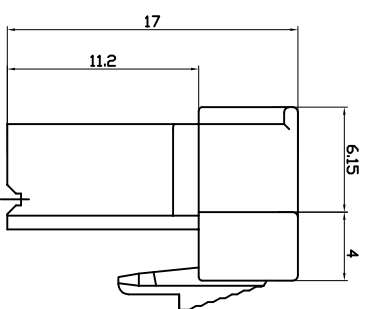
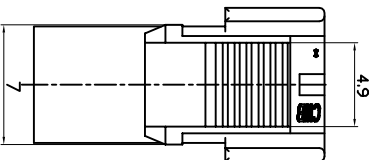
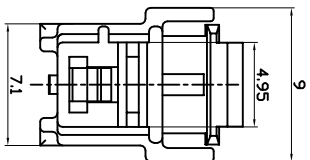
Notes:

- 1.Material: PA66 UL94 V-0;
- Brass, Tin over Nickel Plating
- 2.Matched Housing: TJC80001-4Y ;
- 3.Packing: Packing bag;
- 4.Compliant To The Current RoHS.

CUSTOMER DRAWING

Drawn	Ruiwen Guo 2017.8.24	Unit	Scale	Size	Edition	Title:
Checked	Guoying Wang 2017.8.26	mm	2.5:1	A4	B	8 mm Pitch WTW Plug Connector
Approved	Dongxuliu 2017.9.1	Sheet No.	1 of 1			Part No.: TJC80001-4A
						Document No.: CP-DWG-00532
						Specification No.: PS3971

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13					
	3~18		±0.16					
	18~50		±0.31					
	≥50		±0.55					



Notes:

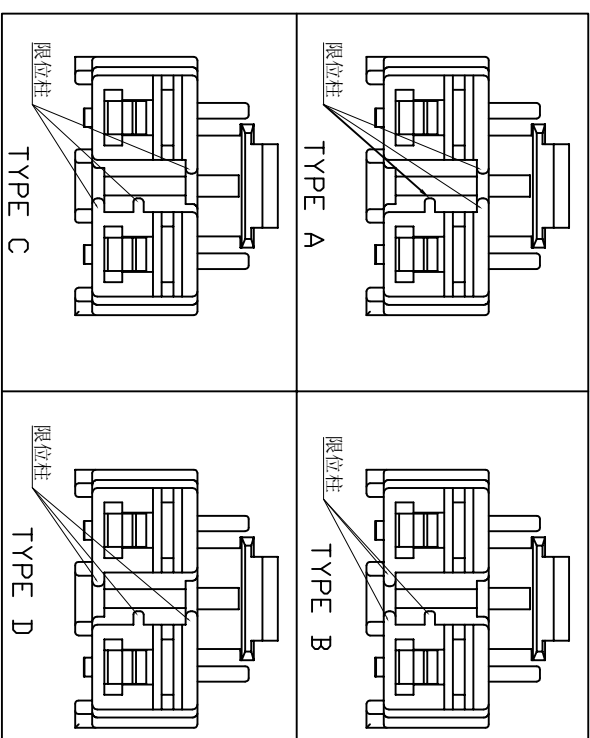
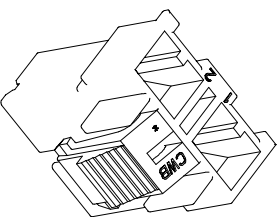
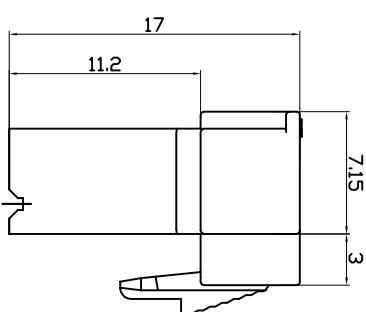
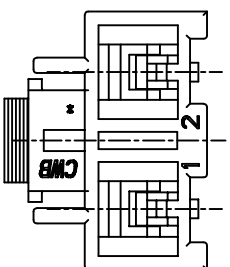
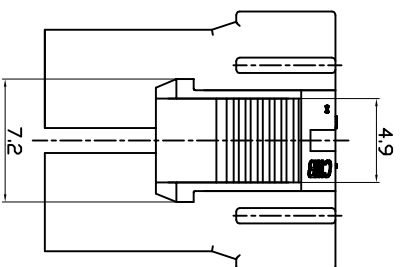
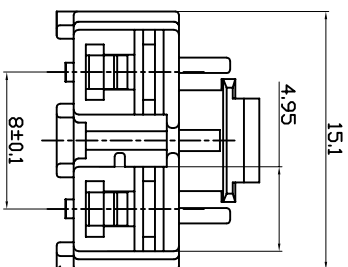
- 1.Material: PA66 UL94, V-0;
- 2.Matched Header: TJC80001-1A;
- 3.Matched Socket Contact: CH-TJC80001;
- 4.Packing: Packing bag;
- 5.Compliant To The Current RoHS.

CUSTOMER DRAWING

CUSTOMER DRAWING				Title:	
Drawn	Ruiwen Gu 2017.8.24	Unit	Scale	Size	Edition
Checked	Guoying Wang 2017.8.26	mm	2.5:1	A4	B
Approved	Dongxuli 2017.9.1	Sheet No.	1 Of 1		
				Part No.: TJC80001-1Y	
				Document No.: CP-DWG-00533	
				Specification No.: PS3971	

**CMB** 浙江合兴电子元件有限公司  
CMB Electronics (Shanghai) Co., Ltd

General Tolerance		Dimension	Tolerance	Rev. No.	Location	Description	Reviser	Date
	0~3		±0.13					
	3~18		±0.16					
	18~50		±0.31					
	≥50		±0.55					



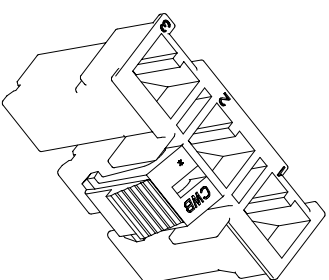
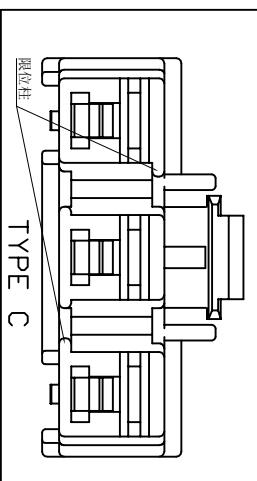
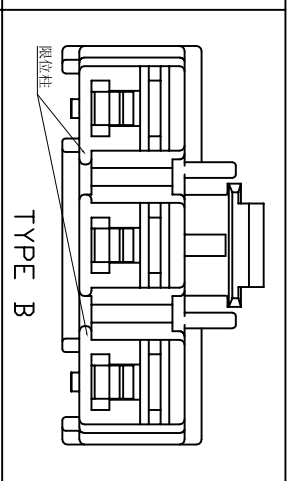
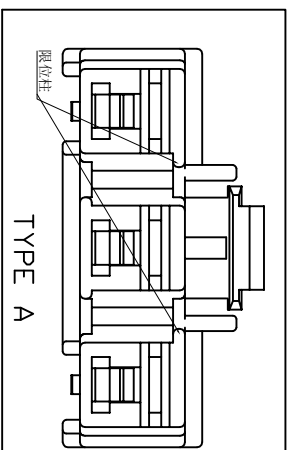
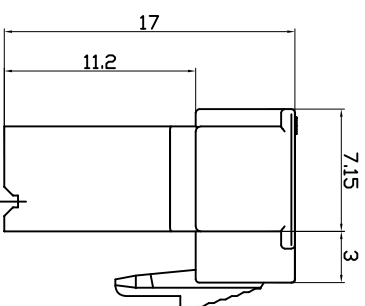
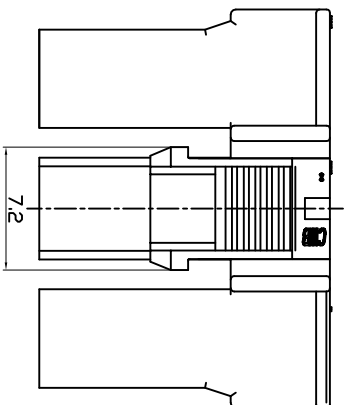
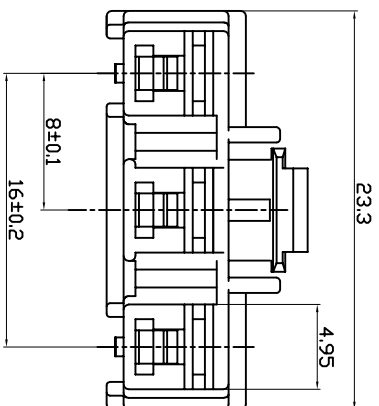
Notes:

1. Material: PA66 UL94 V-0;
2. Matched Header: TJC80001-2A;
3. Matched Socket Contact: CH-TJC80001;
4. Packing: Packing bag;
5. Compliant To The Current RoHS.

### CUSTOMER DRAWING

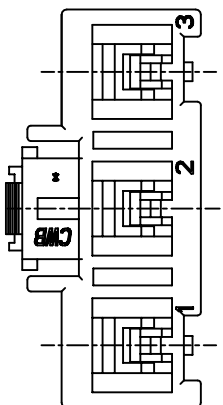
Drawn	Ruiwen Gu 2017.8.24	Unit	mm	Scale	2.5:1	Size	A4	Edition	B	Title:	8 mm Pitch WTW Receptacle Housing
Checked	Jiuying Wang 2017.8.26	Sheet No.	1 Of 1		CMB		Part No.:		TJC80001-2Y	Document No.:	CP-DWG-00534
Approved	Dongxuli 2017.9.1	CMB		CMB Electronics (Shenzhen) Co., Ltd		Specification No.:		PS3971			

General		Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13									
3~18	±0.16									
18~50	±0.31									
≥50	±0.55									



Notes:

- 1.Material: PA66 UL94 V-0;
- 2.Matched Header: TJC80001-3A ;
- 3.Matched Socket Contact: CH-TJC80001 ;
- 4.Packing: Packing bag;
- 5.Compliant To The Current RoHS.



### CUSTOMER DRAWING

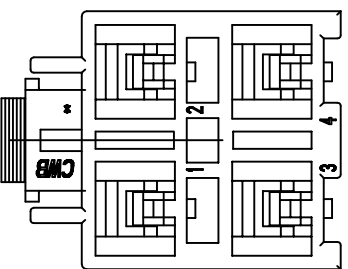
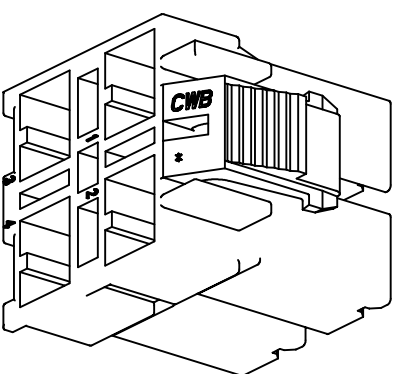
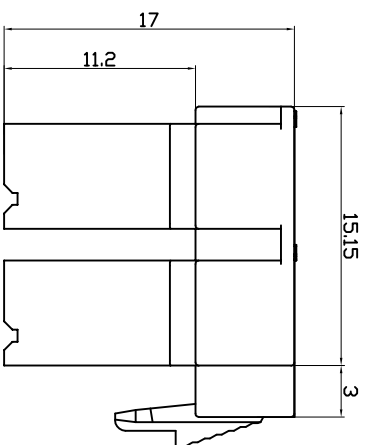
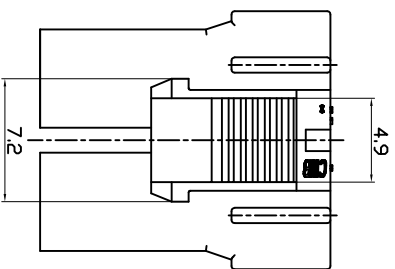
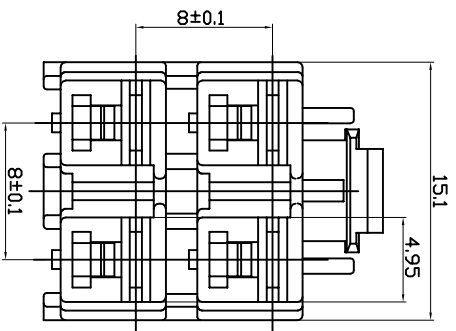
Title:

8 mm Pitch WTW  
Receptacle Housing

Drawn	Ruiwen Guo 2017.8.24	Unit	Scale	Size	Edition	Part No.:	TJC80001-3Y
Checked	Guoying Wang 2012.8.26	mm	2.5:1	A4	B	Document No.:	CP-DWG-00535
Approved	Dongxu Liu 2017.9.1	Sheet No.	1 Of 1			Specification No.:	PS3971

**CWB** 嘉兴电子元件有限公司  
CWB Electronics (Shenzhen) Co., Ltd

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13					
	3~18		±0.16					
	18~50		±0.31					
	≥50		±0.55					



Notes:

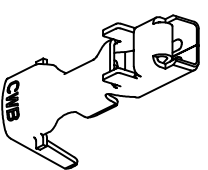
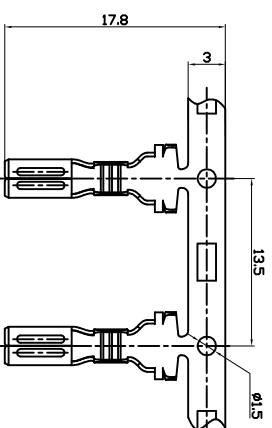
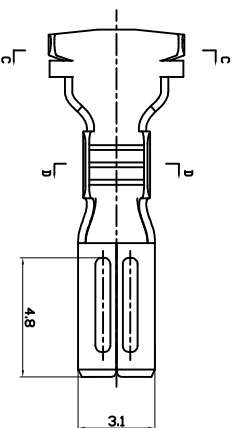
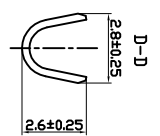
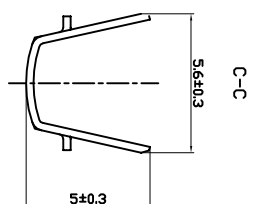
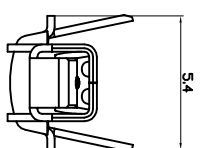
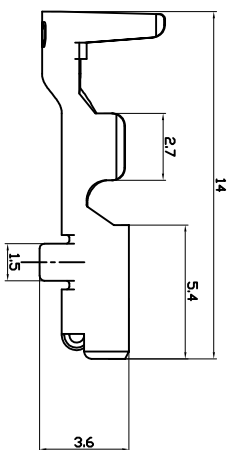
- 1.Material: PA66 UL94, V-0;
- 2.Matched Housing: TJC8001-4A ;
- 3.Matched Socket Contact: CH-TJC8001 ;
- 4.Packing: Packing bag;
- 5.Compliant To The Current RoHS.

CUSTOMER DRAWING

Drawn				Ruiwen Gu 2017.8.24	Unit	Scale	Size	Edition	Title:	
Checked				Guoying Wang 2017.8.26	mm	2.5:1	A4	B	8 mm Pitch WTW Receptacle Housing	
Approved				Dongxuli 2017.9.1	Sheet No.	1 of 1		Part No.: TJC8001-4Y		
				 <b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd				Document No.: CP-DWG-00536		
								Specification No.: PS3971		



General	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
Tolerance	0~3	±0.13					
	3~18	±0.16					
	18~50	±0.31					
	≥50	±0.55					



Contact View  
SCALE 1:2

Notes:

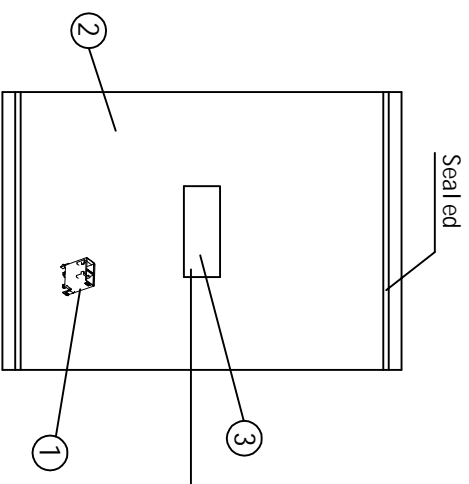
1. Material: Phosphor bronze;
2. Surface Finish: Tin Plating;
3. Matched Housing: TJC80001-nY;
4. Packing: Paper disc;
5. Compliant To The Current RoHS.

CUSTOMER DRAWING

Drawn	Ruiwen Gu 2017.8.24	Unit	mm	Scale	2.5:1	Size	A4	Edition	B	Title:	8 mm Pitch WTW Socket Contact
Checked	Guoying Wang 2017.8.26	Sheet No.	1 of 1								
Approved	Dongxuli 2017.9.1	CMB 浙江台光电子元件有限公司 CMB Electronics (Zhejiang) Co., Ltd		Part No.:	CH-TJC80001	Document No.:	CP-DWG-00537	Specification No.:	PS3971		

General	Dimension	Tolerance	Rev. No.	Location	Description	Reviser	Date
Tolerance	0~3	±0.13					
	3~18	±0.16					
	18~50	±0.31					
	≥50	±0.55					

Packing bag




**CWB** 合格证 RoHS

产品材料 0444444

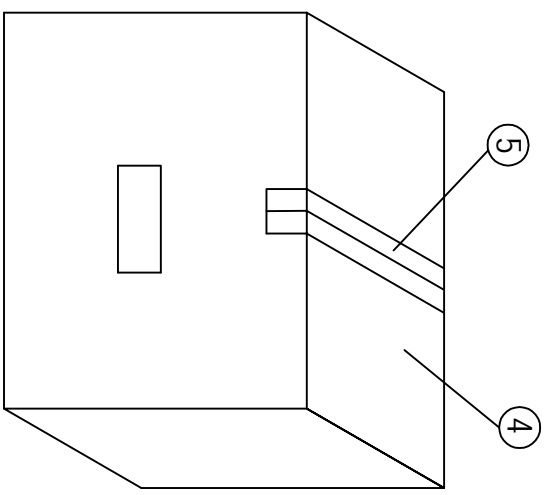
规格型号	*****	物料号	*****
客户名称	*****	批次号	*****
数量	*****	生产日期	*****

浙江合兴电子元件有限公司

检验员



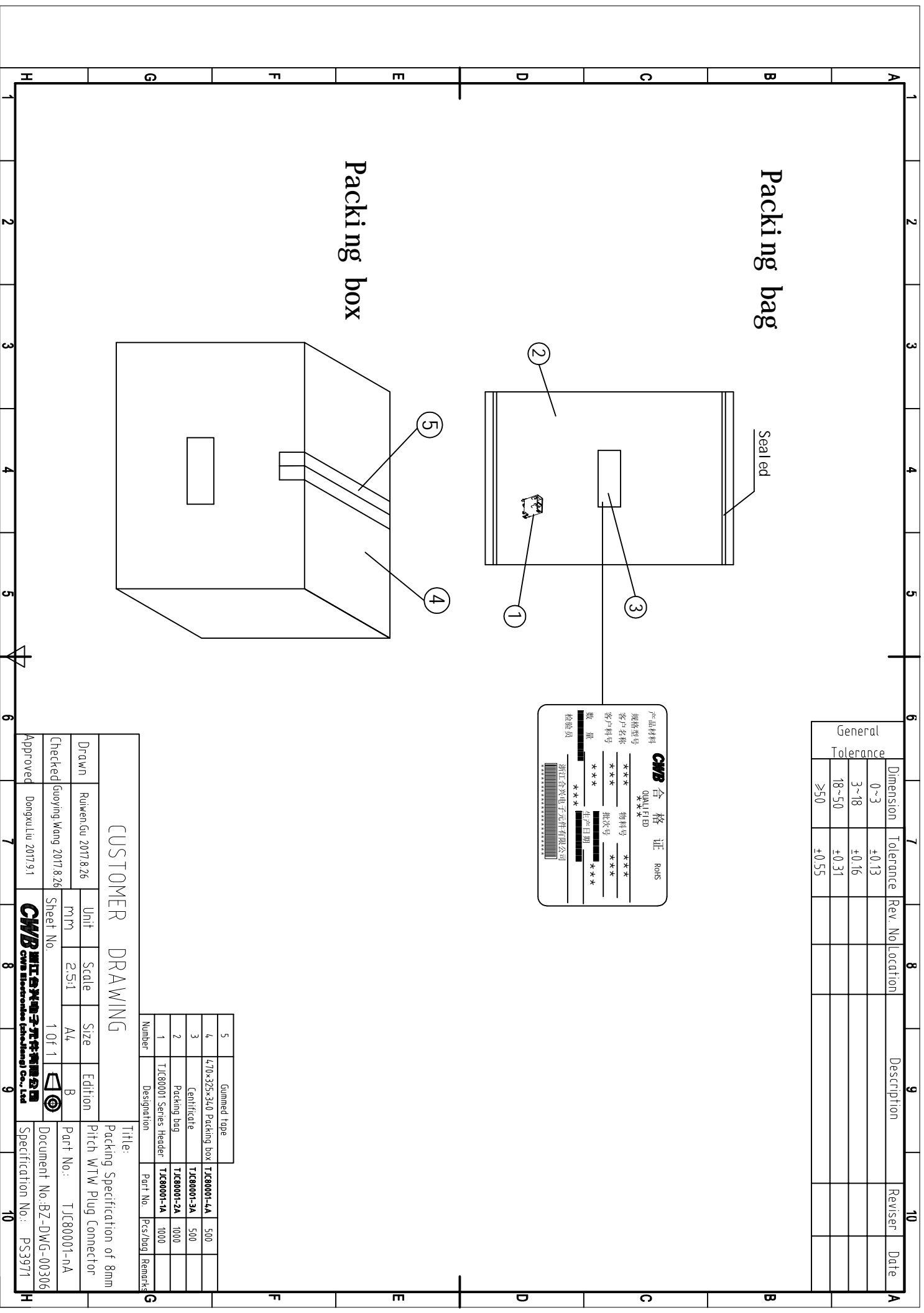
Packing box



Number	Designation	Part No.	Pcs/bag	Remarks
5	Gummed tape	TJC80001-4A	500	
4	470×325×34.0 Packing box	TJC80001-3A	500	
3	Certificate	TJC80001-2A	1000	
2	Packing bag	TJC80001-1A	1000	
1	TJC80001 Series Header	TJC80001-1A	1000	

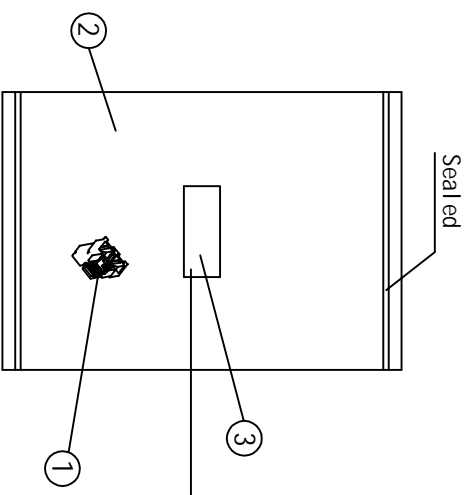
CUSTOMER DRAWING


Title:		Packing Specification of 8mm Pitch WTW Plug Connector	
Drawn	Ruiwen Gu 2017.8.26	Unit	mm
Checked	Jiuying Wang 2017.8.26	Scale	2.5:1
Approved	Dongxulu 2017.9.1	Size	A4
Sheet No. 1 Of 1		Edition	B
Part No.: TJC80001-nA		Document No.: BZ-DWG-00306	
Specification No.: PS3971		CWB 浙江合兴电子元件有限公司	



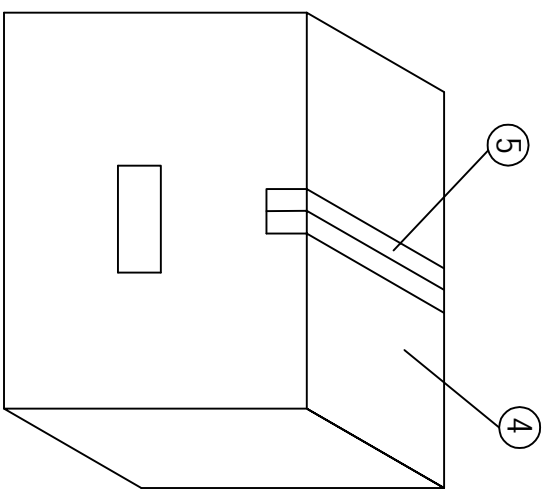
General	Dimension	Tolerance	Rev. No.	Location	Description	Reviser	Date
Tolerance	0~3	±0.13					
	3~18	±0.16					
	18~50	±0.31					
	≥50	±0.55					

Packing bag





**CWB** 合格证 RoHS  
 产品材料 物料印  
 规格型号 \*\*\*\*\*  
 客户名称 \*\*\*\*\*  
 客户料号 \*\*\*\*\*  
 数量 \*\*\*\*\*  
 生产日期 \*\*\*\*\*  
 检验员 \*\*\*\*\*  
 浙江合兴电子元件有限公司  


Packing box

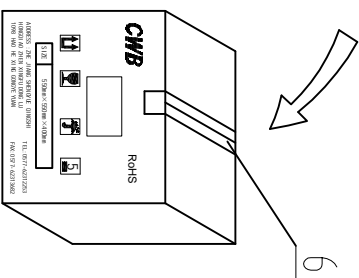
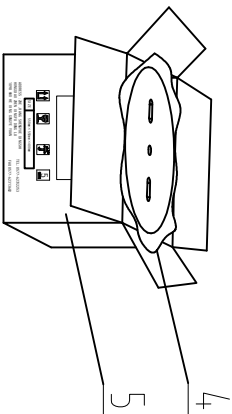
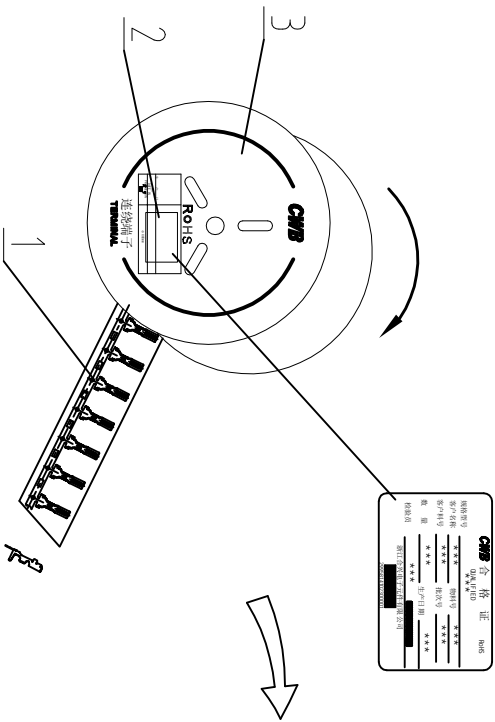


CUSTOMER DRAWING

Drawn	Ruiwen Gu 2017.8.26	Unit	mm	Scale	2.5:1	Size	A4	Edition	B	Part No.:	TJC80001-nY
Checked	Guoying Wang 2017.8.26	Sheet No.	1 of 1		1 of 1				Title: Packing Specification of 8mm Pitch WTW Receptacle Housing		
Approved	Dongxun Liu 2017.9.1			Document No.: BZ-DWG-00307		Specification No.: PS3971					

Number	Designation	Part No.	Pcs/bag	Remarks
5	Gummed tape	TJC80001-4Y	500	
4	470×325×34.0 Packing box	TJC80001-3Y	500	
3	Certificate	TJC80001-2Y	1000	
2	Packing bag	TJC80001-1Y	1000	

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
		0~3	±0.13					
		3~18	±0.16					
		18~50	±0.31					
		≥50	±0.55					



6	Gummed tape	
5	Packing box	30000pcs/box
4	Packing bag	
3	Reel	
2	Certificate	
1	TJC80001 Socket Contact	2500pcs/reel
Number	Designation	Remarks

### CUSTOMER DRAWING

Title:				
Drawn	Li Qin 2016.4.9	Unit	Scale	Size
Checked	Guoying Wang 2016.4.10	mm	/	A4
Approved	Dongxu Liu 2016.4.10	Sheet No.	1 Of 1	B
		Part No.: CH-TJC80001		
		Document No.: BZ-DWG-00308		
		Specification No.: PS3971		

**CHB 嘉兴合兴电子元件有限公司**  
**CMB CHB Electronics (ZheJiang) Co., Ltd**

