



# 产品规格书

## PRODUCT SPECIFICATION

产品描述: TJC25025 系列连接器

Product Description: TJC25025 Connector

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 <b>浙江合兴电子元件有限公司</b> CWB Electronics (Zhejiang) Co., Ltd.	<b>制定 Edit:</b> 张玲玲 2016.4.2	<b>产品名称 Product Name:</b> TJC25025 系列条形连接器
	<b>审核 Check:</b> 王国英 2016.4.2	<b>编号 Document No.:</b> PS3858
	<b>批准 Approval:</b> 刘冬旭 2016.4.2	<b>版本 REVISION:</b> 4
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### 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	PS2820/PS3680/PS3047	PS3858	2015.8.26
2	2	无 PCB 板示意图	新增 PCB 板及定位柱尺寸	2015.12.9
3	3	版本更新	按最新规格书版本内容更新	2016.4.2
4	4	/	更改图纸商标 LOGO	2019.1.11
5				

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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 **CTB 2.5P 阴型 & 阳型电子连接器**，产品名称：**TJC25025-nA&TJC25030-nY**。

This product specification covers the requirement for **Cable to Board 2.5mm pitch Receptacle & Plug connector**, which is designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: **TJC25025-nA&TJC25030-nY**.

### 3. 产品描述 Product Description

TJC25025 系列产品为家电连接器产品，产品部件组成如下：

The TJC25025 series connector designed for home appliances connection. Part checklist as following form:

Name	Part name	Notes
阳连接器 Header	TJC25025-nA	Wafer: PA66 UL94V-0 Post: Brass Tin over nickel plated
阴连接器孔座 Housing	TJC25030-nY	PA66 UL94 V-0
锁紧片 Lock Plate	TJC25030-nYS	PA66 UL94 V-0
插簧 Contact	TJC3	Phosphor bronze 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，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
- 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

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### 5. 参数范围 Parameter Ratings:

额定电流 Rated Current	3A
适用 PCB 板 Applicable P.C.B	Board Thickness: 1.6mm Hole Diameter: 0.9mm~1.0mm
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: AWG24~AWG22 (0.205mm <sup>2</sup> -0.326mm <sup>2</sup> ) Insulation Diameter: 1.4mm-1.6mm

### 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	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 (不带锁紧片测试) (Retention Without locking plate test) MIN.	固定力 (带锁紧片测试) (Retention Test with locking plate) MIN.
			15N	19.6N	30N
6.1.3	针的固定力 Retention Force for Pin	固定连接器和测力计, 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 25mm/min . GB/T 5095.8 Method 15a / EIA-364-29B	19.6N 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.	固定力(Retention) Min.	
			9.8N	0.2N	

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			PIN	首次插入力 (Insertion 1st) MAX	首次拔出力 Withdrawal (1st) MIN	五十次后拔出力 Withdrawal (50st) MIN
6.1.5	成品插入力与拔出力（去锁扣） Insertion and Withdrawal Force for Connector (Remove The Lock)	固定连接器和测力计，在连接器轴线方向插入和拔出；速度不大于 <b>25mm/min</b> 。 Apply Axial Insert and withdraw force on the contact in the housing at a rate less than <b>25 mm/min</b> . <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	2	29.4N	7.8N	5.9N
			3	34.3N	9.8N	7.8N
			4	39.2N	11.8N	8.8N
			5	44.1N	11.8N	8.8N
			6	49.0N	13.7N	9.8N
			7	53.9N	13.7N	9.8N
			8	58.8N	15.7N	11.8N
			9	63.7N	15.7N	11.8N
			10	68.6N	17.6N	13.7N
			11	73.5N	17.6N	13.7N
			12	78.4N	19.6N	15.7N
6.1.6	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 <b>25mm/min</b> 。 Fix the crimped contact, Axial pull out force on the contact in the housing at a rate less than <b>25 mm/min</b> . <b>GB/T5095.8 Method 16d / EIA-364-08B</b>	AWG 24: 30N Min. AWG 22: 40N Min.			
6.1.5	机械振动 Random Vibration	插合连接器，串联在一直流电源上，电流 <b>100mA</b> ；并模拟正常工作状态；振频为（ <b>10~55~10</b> ）Hz，每个循环时间为 <b>1</b> 分钟，振幅 <b>1.52mm</b> 。沿XYZ三轴正反方向各循环 <b>2h</b> 。 Mated connectors subjected to following vibration conditions, for a period of <b>2 hours</b> in each of 3 mutually perpendicular axes, <b>100 mA</b> current shall be applied. Frequency: ( <b>10~55~10</b> ) HZ/min. Amplitude: <b>1.52mm</b> <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： <b>0.02Ω Max.</b> Contact resistance: <b>0.02Ω Max.</b> 中断： <b>1μsec Max.</b> < <b>1μsec</b> discontinuity			
6.1.6	机械寿命 Durability	以每分钟 <b>10</b> 次的速度插拔 <b>50</b> 次。 <b>50 cycles</b> mating and unmating test at the speed <b>10</b> 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： <b>0.02Ω Max.</b> Contact resistance: <b>0.02Ω Max.</b>			
6.1.8	机械冲击 Shock	连接器相配，沿XYZ三轴正反方向各冲击 <b>3</b> 次(总共 <b>18</b> 次)，在测试过程中通以 <b>100mA</b> 电流。 冲击强度： <b>490m/s<sup>2</sup></b> 持续时间： <b>11ms</b> Mated connectors and subject to the following shock conditions, <b>3</b> times of shock shall be applied for each <b>6</b> directions along 3 mutually perpendicular axes, passing DC <b>100mA</b> current during the test.(Total of 18 shocks) Test Pulse: Half Sine Peak Value: <b>490m/s<sup>2</sup></b> Duration: <b>11ms</b> <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： <b>1μsec Max.</b> < <b>1μsec</b> discontinuity			

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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 Mated connectors with dry circuit to test Contact Resistance <b>GB/T 5096.2 Method 2B / EIA-364-23B</b>	<b>0.01 Ω Max. (Initial)</b> <b>0.02 Ω Max. (Final)</b>
6.2.2	绝缘电阻 Insulation Resistance	在相邻接触件之间或地线之间,用 <b>500V</b> DC 电压进行测试. Apply a voltage of <b>500V</b> DC between adjacent contacts and between contacts to ground. <b>GB/T 5096.2 Method 3A / EIA-364-21C</b>	<b>1000 MΩ Min.</b> <b>500 MΩ Min</b>
6.2.3	耐电压 Withstand Voltage	相邻接触件之间或地线之间施加 <b>1000V</b> AC (有效值),漏电流 1mA 的电压作用,时间 <b>1min</b> . Apply a voltage of AC <b>1000V</b> for <b>1 minute</b> between adjacent contacts and between contacts to ground. <b>GB/T 5096.2 Method 4A / EIA-364-20B</b>	外观: 无击穿和飞弧现象 Appearance: No Breakdown
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 5096.3 Method 5E / EIA-364-70A</b>	<b>Δ30°C Max.</b>

### 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 <b>105±2°C</b> 的空气中放置 <b>96</b> 小时, 再回到室温中放置 <b>1-2</b> 小时测定 Mated connectors exposed to the condition of <b>105±2°C</b> for <b>96</b> hours. Recovery time <b>1~2</b> 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: <b>0.02Ω Max.</b> Contact resistance: <b>0.02Ω Max.</b>
6.3.2	耐低温 Cold Resistance	连接器配合后, 于 <b>-40±2°C</b> 的空气中放置 <b>96</b> 小时, 再回到室温中放置 <b>1-2</b> 小时测定 Mated connectors exposed to the condition of <b>-40±2°C</b> for <b>96</b> hours. Recovery time <b>1~2</b> 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: <b>0.02Ω Max.</b> Contact resistance: <b>0.02Ω Max.</b>
6.3.3	恒定湿热 Humidity	温度 <b>40±2°C</b> , 相对湿度( <b>90~95</b> )% 搁置时间 <b>96h</b> , 取出恢复 <b>1~2h</b> 后检查. Mated connectors exposed to the condition of <b>40±2°C</b> ( <b>90~95</b> ) % Humidity for <b>96</b> hours. Recovery time <b>1~2</b> 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: <b>0.02Ω Max.</b> 绝缘电阻: <b>500 MΩ Min.</b> Insulation Resistance : <b>500 MΩ Min.</b> 耐电压: <b>1000V Min.</b> 无击穿和飞弧现象 Withstand Voltage: <b>1000V Min.</b> No Breakdown or flashover .

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6.3.4	<p style="text-align: center;">温度循环 Temperature Cycling</p>	<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：</p> <p>a) 在(-55±2)℃的恒温条件下放置 2h；            b) 在+25℃常温条件下放置不超过 5min,            c) 在(85±2)℃的恒温条件下放置 2h；            d) 在+25℃常温条件下放置不超过 5min,            从 a)到 d)为一个循环周期，共进行 5 个循环,恢复 2h 后检查。</p> <p>Mated connectors shall be tested under the following conditions</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Temperature °C</th> <th style="text-align: left;">Duration (Minutes)</th> </tr> </thead> <tbody> <tr> <td>a -55</td> <td>2H</td> </tr> <tr> <td>b +25</td> <td>5Max.</td> </tr> <tr> <td>c +85</td> <td>2H</td> </tr> <tr> <td>d +25</td> <td>5Max.</td> </tr> </tbody> </table> <p>Step a to d is one cycle,5 cycles shall be tested. Recovery time 2 hours.</p> <p><b>GB/T 5095.6 method 11d / EIA-364-32C</b></p>	Temperature °C	Duration (Minutes)	a -55	2H	b +25	5Max.	c +85	2H	d +25	5Max.	<p>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.            绝缘电阻：500 MΩ Min.            Insulation Resistance : 500 MΩ Min.            耐电压：1000V Min. 无击穿和飞弧现象            Withstand Voltage: 1000V Min.            No Breakdown or flashover .</p>
Temperature °C	Duration (Minutes)												
a -55	2H												
b +25	5Max.												
c +85	2H												
d +25	5Max.												
6.3.5	<p style="text-align: center;">盐雾 Salt Spray</p>	<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 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)℃, Salt NaCl mist (5±1)% 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。)            Appearance: No Damage (No erosion with material exposed. And with plating material, slight erosion on the cutting surface is acceptable)            接触电阻：0.02Ω Max.            Contact resistance: 0.02Ω Max.</p>										
6.3.6	<p style="text-align: center;">可焊性 Solderability</p>	<p>把试验样品需要焊接的部位浸入焊锡炉中，锡炉温度(235±5)℃，时间(2±0.5)s</p> <p>Dip solder tails into the molten solder(held at (235±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%：            Solder coverage: ≥90%</p>										
6.3.7	<p style="text-align: center;">耐焊接热 Resistance to Soldering Heat</p>	<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)℃；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）            Appearance: No damage.( refer to 6.1.1)</p>										

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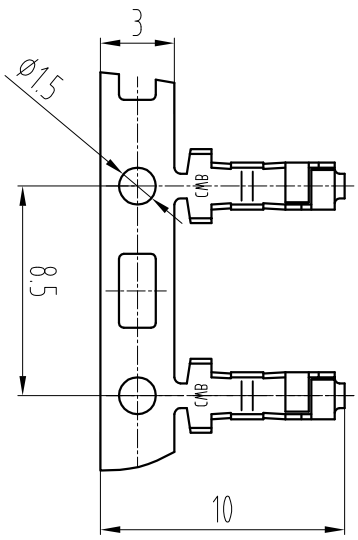
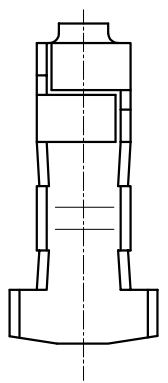
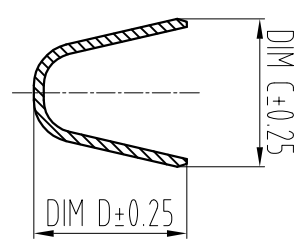
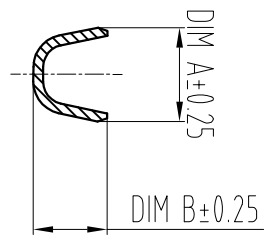
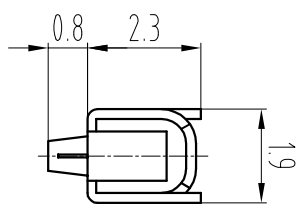
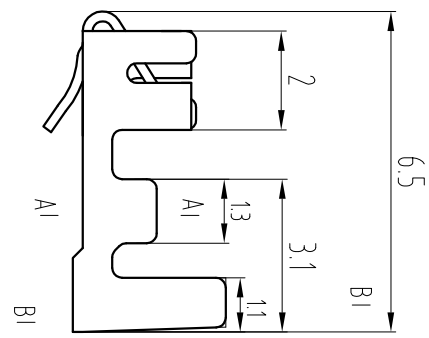
### 7.测试分组 Test Sequences (Samples: 5PCS)

测试组 GROUP NUMBER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
外观 Appearance	1	1	1	1,5	1, 7	1	1,4	1	1,5	1,5	1,7	1,7	1,5	1,3	1,3
成品插入力与拔出力 Insertion and Withdrawal Force for Connector	2														
端子的插入力与固定力 Insertion force and Retention Force for Contact		2													
压着部位抗张强度 Crimping Pull Out Force			2												
机械振动 Random Vibration				3											
机械寿命 Durability					5										
针的固定力 Retention Force for Pin						2									
机械冲击 Shock							2								
接触电阻 Contact Resistance				2,4	2,6		3		2, 4	2, 4	2, 4	2, 4	2, 4		
绝缘电阻 Insulation Resistance					3						5	5			
耐电压 Withstand Voltage					4						6	6			
温升 Temperature Rise								2							
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		
可焊性 Solderability														2	
耐焊接热 Resistance to Soldering Heat															2

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Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13		△	To update the content	Xuyong Yang	2017.10.10
3~18	±0.16		△	To update the Notes	Yadan Li	2018.7.21
18~50	±0.31		H8	To Update the content	Ruiwen Gu	2019.1.12
≥50	±0.55					



Contact View  
1:2

Notes:

- 1.Material: Phosphor bronze, Thickness=0.2mm;
- 2.Surface Finish: Tin Plating;
- 3.Matched Housing: TJC25030-nY/TJC3-nY/TJC25038-2Y /TJC25057-nY/TJC25020-nY;
- 4.Conductor Size: TJC3 AWG22# AWG24#; TJC3-1 AWG26#
- 5.Packaging: Paper disc;
- 6.Compliant To The Current RoHS.

CUSTOMER DRAWING

Product No.	Product Name	Remark	Drawn	Lingling Zhang	2016.3.10
422.6028.1	TJC3 Contact	Plating Before Stamping	Checked		
422.6269.0	TJC3 Contact	Stamping Before Plating	Approved		

Unit	Scale	Size	Edition
mm	1:1	A4	B3

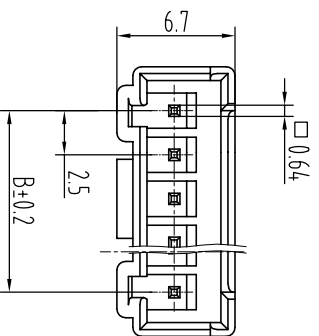
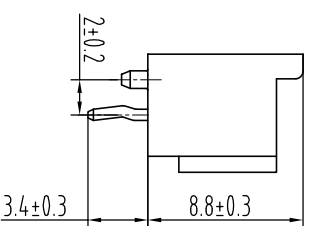
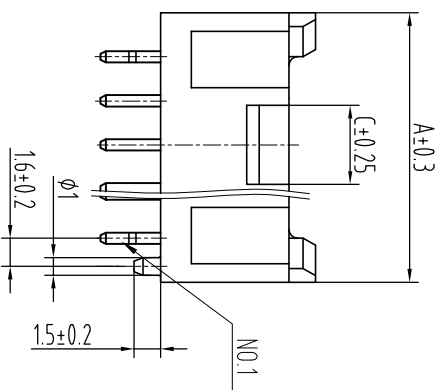
Title: 2.5mm Pitch WTB Contact

Part No.	Dimensions
TJC3-1	175 13 25 2.1
TJC3	19 15 3 3.1
DIM A	DIM B
DIM C	DIM D

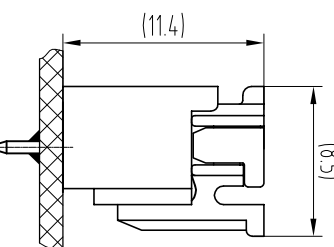
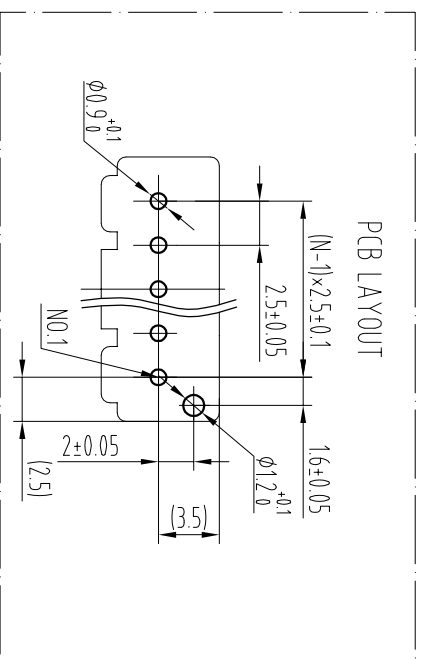
**CWB** 浙江合兴电子有限公司  
 CWB Electronics (Zhejiang) Co., Ltd.

Part No.: TJC3/TJC3-1  
 Document No.: CP-DWG-00195  
 Specification No.: F5267/PS388/PS388/PS388 / F5314/PS388/PS388/PS388

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	△	1	New PCB board schematic	Benjia Hu	2015.12.9		
3~18	±0.16	△	3	Change Template and PCB version size	Lingling Zhong	2016.4.2		
18~50	±0.31	H8		Updating the content	Ruwenfai	2019.1.14		
≥50	±0.55							



Assembly View  
(DIM FYI)



Notes:

1. Material: PA66 UL94, V-0;  
Brass, Tin over nickel plated;
2. Matched Housing: TJC25030-3Y/5Y
3. Matched Locking: TJC25030-3YS/5YS;
4. Compliant To The Current RoHS.

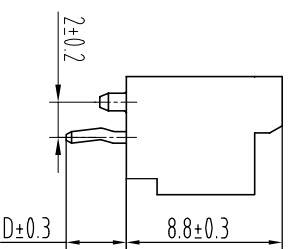
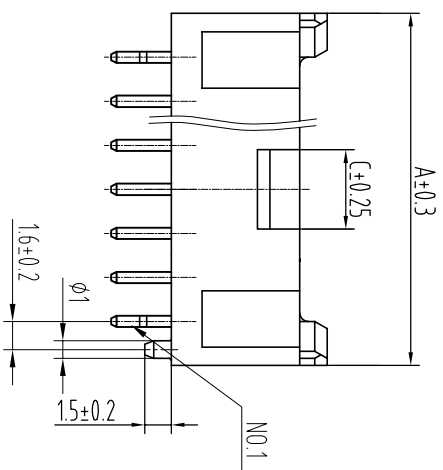
Part No.	Dimensions
5	TJC25025-5A
3	TJC25025-3A

CUSTOMER DRAWING

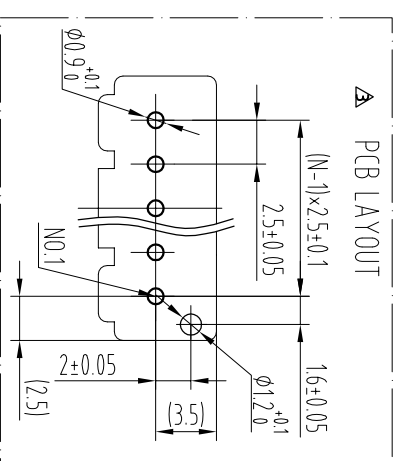
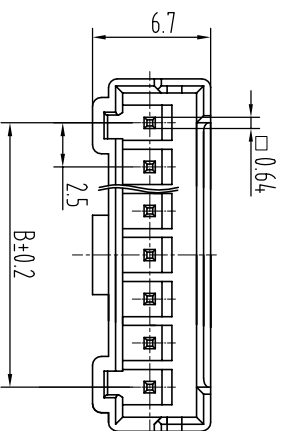
Drawn	Benjia Hu	2015.8.27	Unit	mm	Scale	2.5:1	Size	A4	Edition	B5	Part No.:	TJC25025-3A/5A
Checked			Sheet No.	1 of 1							Document No.:	CP-DWG-00046
Approved			 浙江合兴电子元件有限公司 CWB Zhejiang Hexing Electronics Co., Ltd.								Specification No.:	PS3858

Title: 2.5mm Pitch WTB Header

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	$\pm 0.13$	A	1	Increase product category color	Benjia Hu	2015.8.31
3~18	$\pm 0.16$	A	1	New PCB board schematic	Benjia Hu	2015.12.9
18~50	$\pm 0.31$	A	3	Change Template and PCB version size	Lingling Zheng	2016.4.2
$\geq 50$	$\pm 0.55$		H8	Updating the content	Ruwei Gu	2019.1.14



Assembly View  
(DIM FYI)



- Notes:
1. Material: PA66 UL94, V-0;  
Brass, Tin over nickel plated;
  2. Matched Housing: TJC25030-4Y/6Y~9Y
  3. Matched Locking: TJC25030-4YS/6YS~9YS;
  4. Compliant To The Current RoHS.

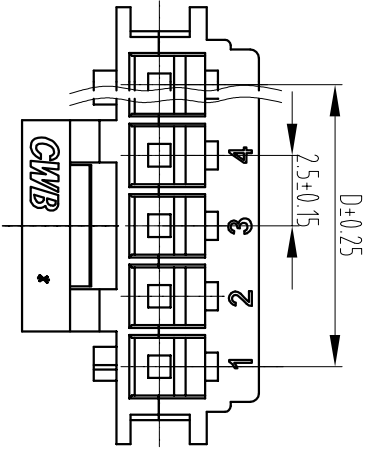
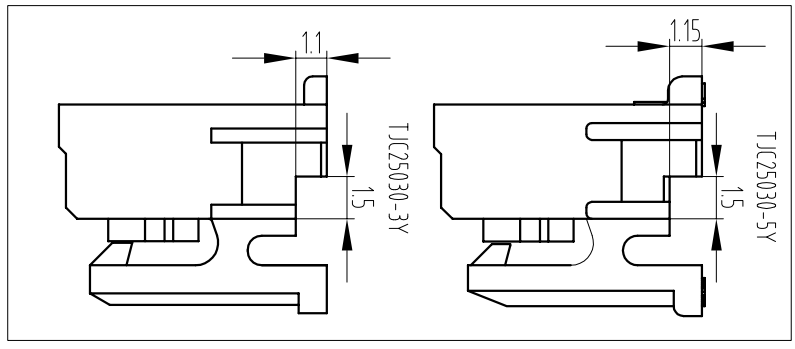
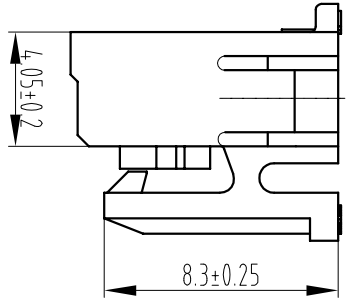
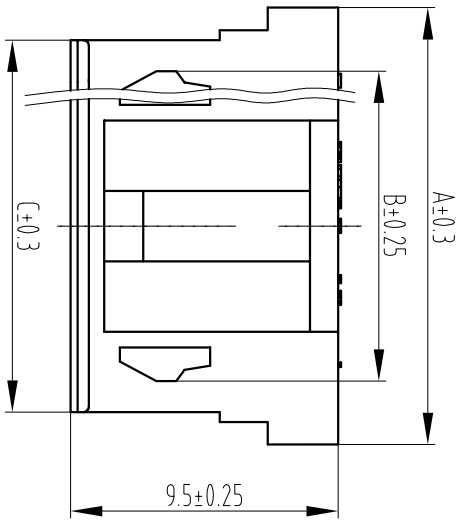
Part No.	Dimensions				
8	TJC25025-8A-2.8	22.5	17.5	4.5	2.8
6	TJC25025-6A-2.8	17.5	12.5	4.5	2.8
12	TJC25025-12A	32.5	27.5	4.5	3.4
11	TJC25025-11A	30.0	25	4.5	3.4
10	TJC25025-10A	27.5	22.5	4.5	3.4
9	TJC25025-9A	25.0	20.0	4.5	3.4
8	TJC25025-8A	22.5	17.5	4.5	3.4
7	TJC25025-7A	20.0	15.0	4.5	3.4
6	TJC25025-6A	17.5	12.5	4.5	3.4
4	TJC25025-4A	12.5	7.5	3.0	3.4

CUSTOMER DRAWING

Title: 2.5mm Pitch WTB Header

Drawn	Benjia Hu	2015.8.27	Unit	mm	Scale	2.5:1	Size	A4	Edition	B4	Part No.:	TJC25025-4A/6~12A
Checked			Sheet No.	1 OF 1							Document No.:	CP-DWG-00045
Approved			CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.								Specification No.:	PS3058

General Tolerance			
Dimension	Tolerance	Rev. No.	Location
0~3	±0.13		△
3~18	±0.16		H8
18~50	±0.31		
>50	±0.55		
Description		Reviser	Date
To update the content		Xiaoyong Yang	2017.10.10
To update the content		Zhenfang Hu	2019.11.4



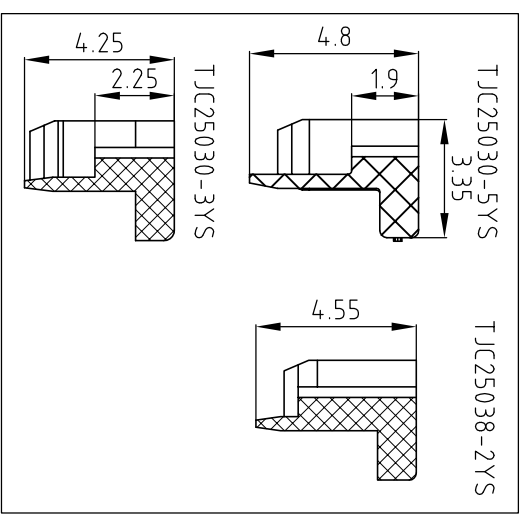
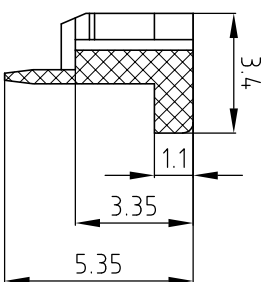
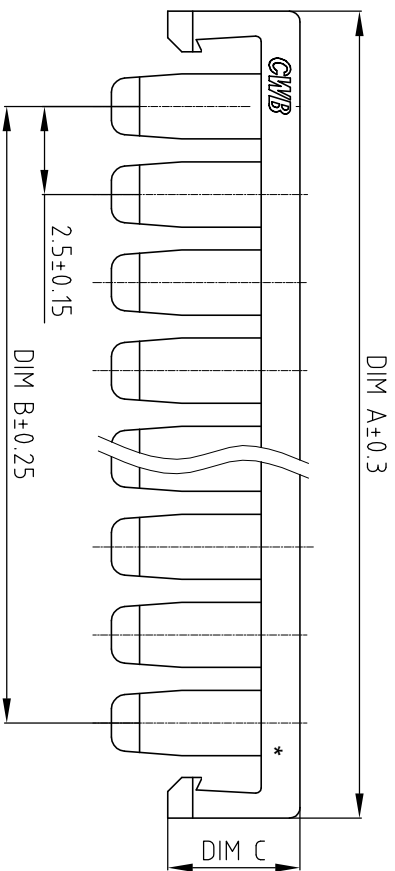
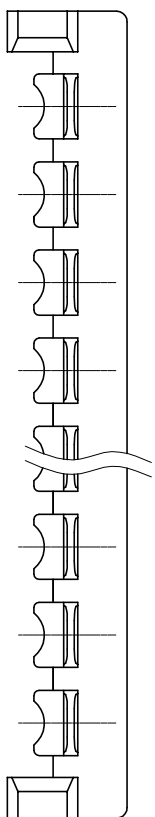
Part No.	Dimensions
9	TJC25030-9Y 25.5 21 23.2 20.0
8	TJC25030-8Y 23 18.5 20.7 17.5
7	TJC25030-7Y 20.5 16 18.2 15.0
6	TJC25030-6Y 18 13.5 15.7 12.5
5	TJC25030-5Y 15.5 10.8 13.2 10.0
4	TJC25030-4Y 13 8.5 10.7 7.5
3	TJC25030-3Y 10.4 6.1 8.2 5.0

- Notes:
- 1.Material: PA66 UL94 V-0 ;
  - 2.Matched Header: TJC3/TJC25025 Series Header;
  - 3.Matched Contact: TJC3;
  - 4.Packaging: Packing bag;
  - 5.Compliant To The Current RoHS.

CUSTOMER DRAWING

Drawn		Benjihu 2015.08.27		Unit		Scale		Size		Edition		Title	
Checked				mm		1:1		A4		B2		25mm Pitch WTB Housing	
Approved				Sheet No.		1 of 1				Part No.:		TJC25030-nY	
				CWB		浙江台兴电子元件有限公司				Document No.:		CP-DWG-0004.1	
										Specification No.:		PS3058/PS3082	

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13					To update the content	Xiangyong Yang	2017.09.30
3~18	±0.16					To update the content	Zhenfeng Hu	2017.09.30
18~50	±0.31				H8	To update the content	Zhenfeng Hu	2019.11.4
≥50	±0.55							



Ckts	Part No.	Dimensions
9	TJC25030-9YS	25.4 20.0 3.75
8	TJC25030-8YS	22.9 17.5 3.75
7	TJC25030-7YS	20.4 15.0 3.75
6	TJC25030-6YS	17.9 12.5 3.75
5	TJC25030-5YS	15.4 10.0 4
4	TJC25030-4YS	12.9 7.5 3.75
3	TJC25030-3YS	10.4 5.0 4.1
2	TJC25038-2YS	7.9 2.5 3.75

- Notes:
1. Material: PA66 UL94 V-0;
  2. Matched Housing: TJC25030-nY;
  3. Packaging: Packing bag;
  4. Compliant To The Current RoHS.

CUSTOMER DRAWING

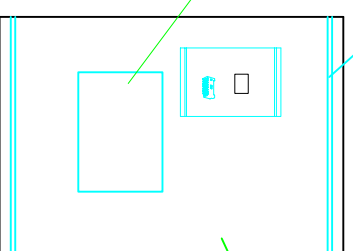
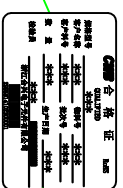
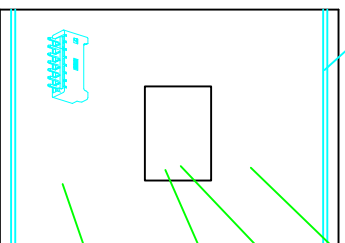
Drawn		Benjie Hu 2015.08.27		Unit		Scale		Size		Edition		Title:	
Checked				mm		1:1		A4		B3		2.5mm Pitch WTB Lock Plate	
Approved				Sheet No.		1 Of 1		Document No.:		CP-DWG-00044		Specification No.:	
				CWB		浙江合兴电子元件有限公司		CWB Electronics (Zhejiang) Co., Ltd.		PS3856/PS3802			

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13					
3~18	±0.16		H8	Updating the content	RuiwenGu	2019.1.14
18~50	±0.31					
≥50	±0.55					

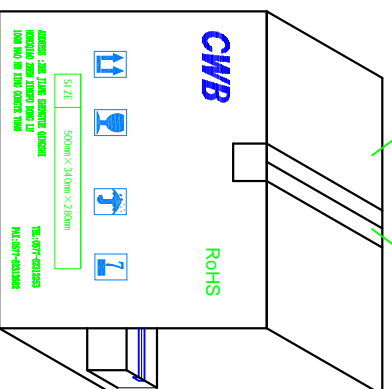
Packing bag

Sealed

Sealed



Packing box



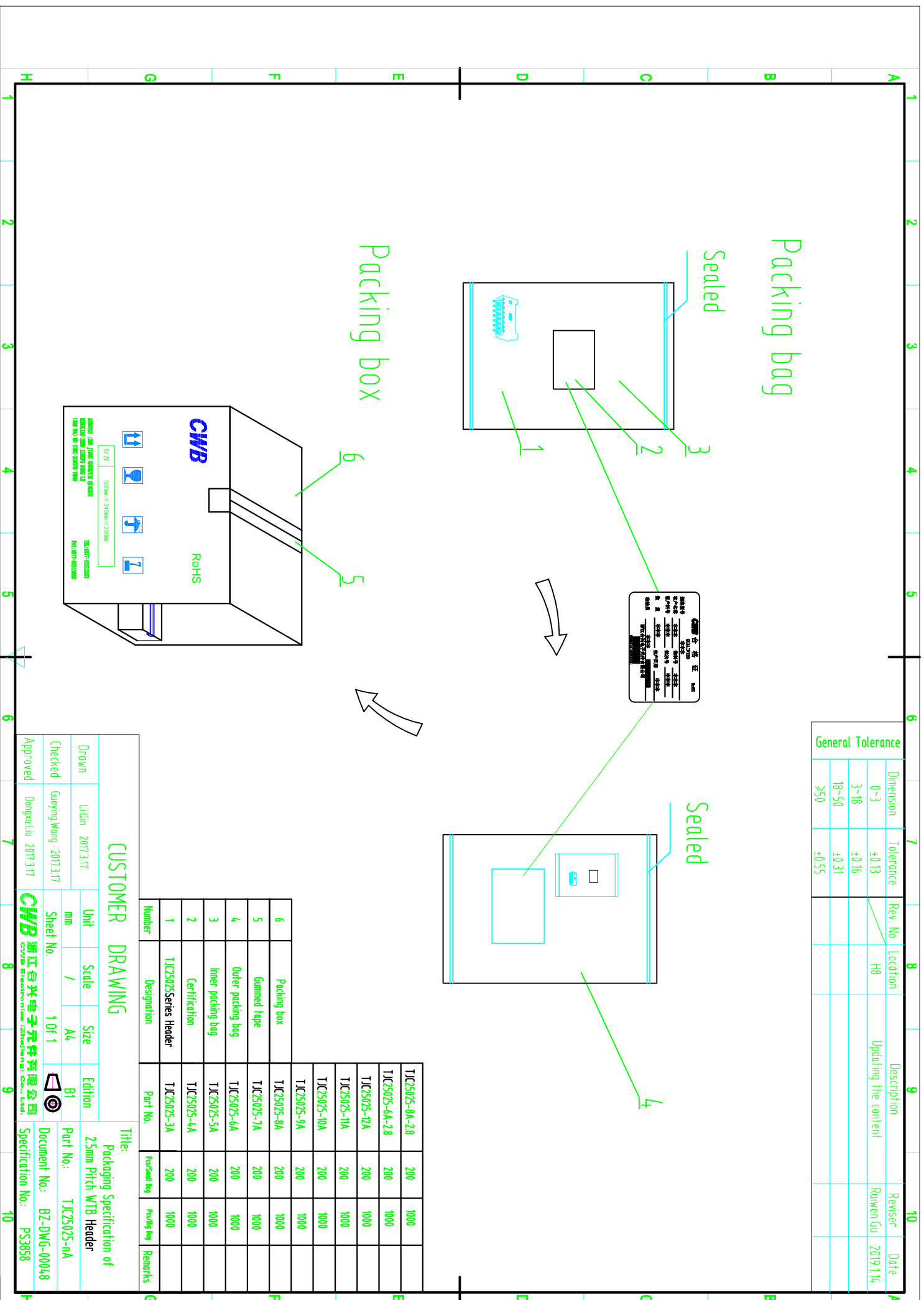
TJC25025-0A-28	200	1000	
TJC25025-6A-28	200	1000	
TJC25025-02A	200	1000	
TJC25025-11A	200	1000	
TJC25025-10A	200	1000	
TJC25025-9A	200	1000	
TJC25025-8A	200	1000	
TJC25025-7A	200	1000	
TJC25025-6A	200	1000	
TJC25025-5A	200	1000	
TJC25025-4A	200	1000	
TJC25025-3A	200	1000	

Number	Designation	Part No.	Part/Small Bag	Packing Bag	Remarks
1	TJC25025 Series Header	TJC25025-3A	200	1000	
2	Certification	TJC25025-4A	200	1000	
3	Inner packing bag	TJC25025-5A	200	1000	
4	Outer packing bag	TJC25025-6A	200	1000	
5	Gummed tape	TJC25025-7A	200	1000	
6	Packing box	TJC25025-8A	200	1000	

CUSTOMER DRAWING

Title: Packaging Specification of 2.5mm Pitch WTB Header

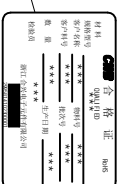
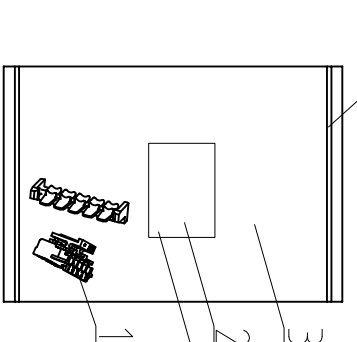
Drawn	LIUin 2017.3.17	Unit	mm	Scale	/	Size	A4	Edition	B1	Part No.:	TJC25025-nA
Checked	GuoyingWang 2017.3.17	Sheet No.	1 of 1		A4		B1		Document No.:	BZ-DWG-0004.8	
Approved	DongyuLiu 2017.3.17	CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.		1 of 1		B1		Specification No.:	PS3858		



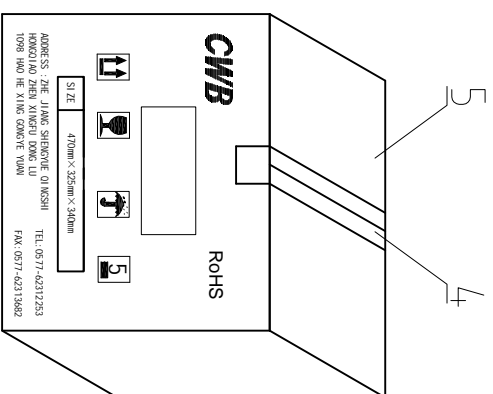
Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13			To update the content	Kaoyong Yan	2017.10.10
3~18	±0.16		H8	To update the content	Zhenfeng Hu	2019.11.14
18~50	±0.31					
≥50	±0.55					

Packing bag

Sealed



Packing box

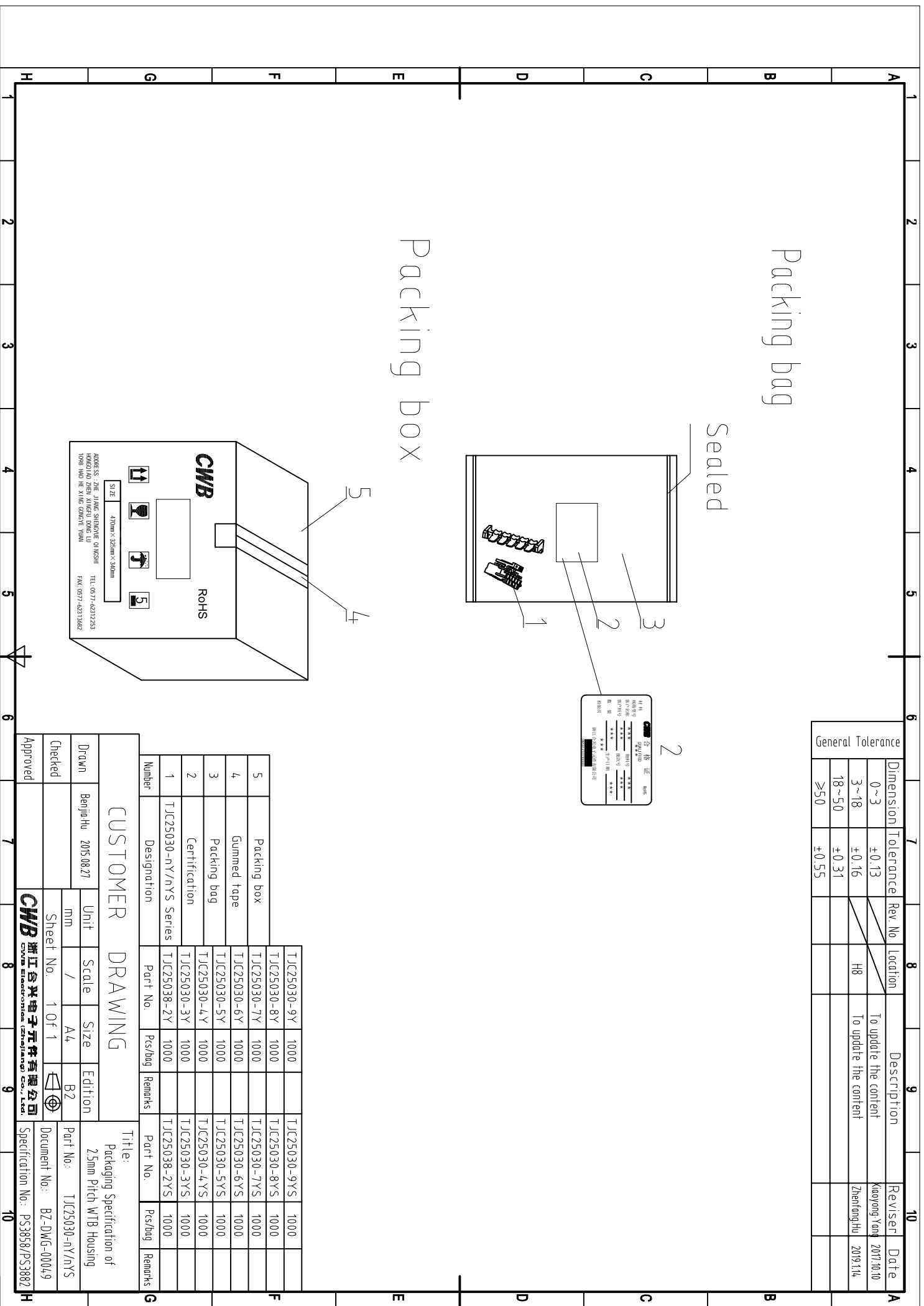


Number	Designation	Part No.	Pcs/bag	Remarks	Part No.	Pcs/bag	Remarks
1	TJC25030-nY/nYS Series	TJC25038-2Y	1000		TJC25030-9YS	1000	
2	Certification	TJC25030-3Y	1000		TJC25030-8YS	1000	
3	Packing bag	TJC25030-4YS	1000		TJC25030-7YS	1000	
4	Gummed tape	TJC25030-6Y	1000		TJC25030-6YS	1000	
5	Packing box	TJC25030-7Y	1000		TJC25030-5YS	1000	

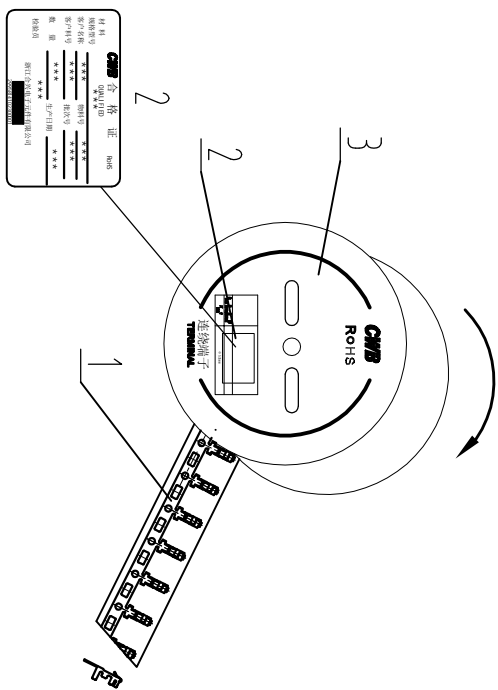
CUSTOMER DRAWING

Title: Packaging Specification of 2.5mm Pitch WTB Housing

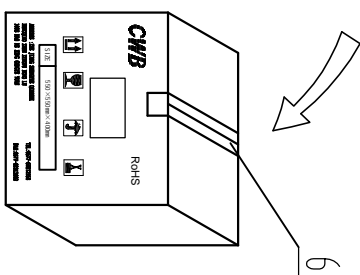
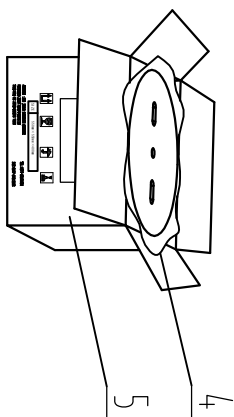
Drawn	Berjiefu	2015.08.27	Unit	mm	Scale	/	Size	A4	Edition	B2	Part No.:	TJC25030-nY/nYS
Checked			Sheet No.	1	Of	1			Document No.:	BZ-DWG-00049		
Approved			CWB 浙江合兴电子元件有限公司		CWB Electronics (Zhejiang) Co., Ltd.		Specification No.:		PS3858/PS3887			



General Tolerance				Revision		Description		Reviser		Date	
Dimension	Tolerance	Rev. No	Location								
0~3	±0.13		△			New Specification No.	Xuyong Yang			2016.08.25	
3~18	±0.16		△			To update the content	Xuyong Yang			2017.10.10	
18~50	±0.31		H8			To update the content	Zhenfanhu			2019.1.14	
≥50	±0.55										



CMB 合格证		合格证	
品名	规格	数量	单位
连接器	25mm pitch		
生产日期	检验日期	检验员	检验员
2016.10.10	2016.10.10	王明	王明
检验员	检验员	检验员	检验员
王明	王明	王明	王明
浙江合兴电子有限公司			



Number	Designation	Remarks
1	TJ3 Terminal	
2	Centrifuge	
3	Reel	7000PCS/disc
4	Packing bag	105000PCS/bag
5	Packing box	105000PCS/box
6	Gummed tape	

### CUSTOMER DRAWING

Title: Packaging Specification of 25mm Pitch WTB Socket Terminal	
Drawn	Lingling Zhang 2016.3.10
Checked	Guoying Wang 2016.3.10
Approved	Dongxuli 2016.3.10
Unit	mm
Scale	/
Size	A4
Edition	B3
Sheet No.	1 of 1
Part No.	TJ3/TJ3-1
Document No.	BZ-DWG-00110
Specification No.	J52914/52915/52916/52917/52918/52919/52920/52921/52922/52923/52924/52925/52926/52927/52928/52929/52930/52931/52932/52933/52934/52935/52936/52937/52938/52939/52940/52941/52942/52943/52944/52945/52946/52947/52948/52949/52950/52951/52952/52953/52954/52955/52956/52957/52958/52959/52960/52961/52962/52963/52964/52965/52966/52967/52968/52969/52970/52971/52972/52973/52974/52975/52976/52977/52978/52979/52980/52981/52982/52983/52984/52985/52986/52987/52988/52989/52990/52991/52992/52993/52994/52995/52996/52997/52998/52999/53000

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CMB Electronics (Zhejiang) Co., Ltd.