



# 产品规格书

## PRODUCT SPECIFICATION

产品描述: TJC25020 连接器

Product Description: TJC25020Connector

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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> <u>李亚丹 2018.7.21</u>	<b>产品名称 Product Name:</b> <u>TJC25020</u>
	<b>审核 Check:</b> <u>王国英 2019.1.8</u>	<b>编号 Document No.:</b> <u>PS2657</u>
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	<b>批准 Approval:</b> <u>刘冬旭 2019.1.8</u>	<b>版本 REVISION:</b>  6



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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	3	客户反馈原规格书图面不能完全表达产品结构	阳连接器增加 C,D 尺寸，阴连接器增加 D 尺寸，图面标准化	/
2	4	客户反馈原规格书孔座小 PIN 位与图纸不符	增加 TJC25020-2Y/3Y 图示	/
3	5	/	制作新版规格书	李亚丹 2018.7.21
4	6	/	更改图纸商标 LOGO	谷瑞文 2018.1.8
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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连接器，产品名称：[TJC25020](#)

This product specification covers the requirement for [Connector](#), which is designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: [TJC25020](#)

### 3. 产品描述 Product Description

TJC25020 系列产品为家电连接器产品，产品部件组成如下：

The TJC25020 series connector designed for home appliances connection. Part checklist as following form:

Name	Part name	Notes
条形连接器孔座 Housing	TJC25020-nY 孔座	PA66 UL 94 V-0
插簧 Contact	TJC3 插簧/TJC3-1 插簧	Phosphor bronze Tin/plated
阳连接器 Header	TJC25020-nA 阳连接器	Wafer:PA66 UL94 V-0 Post: Brass Tin/plated
阳连接器 Header	TJC25020-nAW 阳连接器	Wafer:PA66 UL94 V-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，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

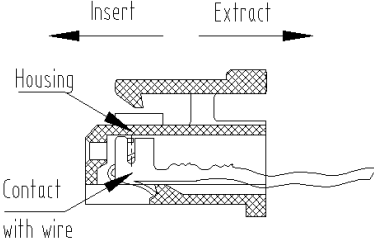
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### 5. 参数范围 Parameter Ratings:

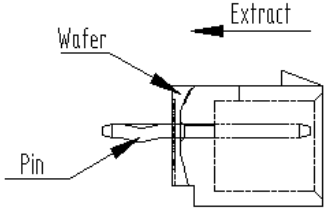
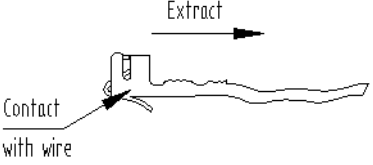
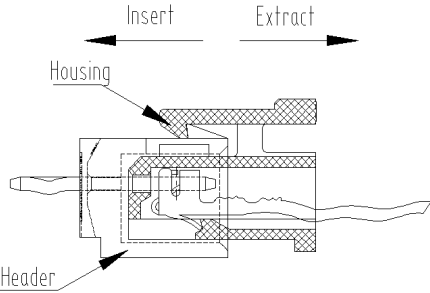
额定电流 Rated Current	3A
额定电压 Rated Voltage	250V [AC(有效值 rms)/DC]
使用温度范围 Operating temperature range	-25°C ~ +85°C
适配基板厚度 Applicable PC board thickness	1.2~1.6mm
适用线型 Applicable wires	Wire Size: TJC3 AWG24#~AWG22# (0.2mm <sup>2</sup> -0.32 mm <sup>2</sup> ) TJC3-1 AWG26#(0.12 mm <sup>2</sup> ) Insulation Diameter: TJC3 AWG24#~AWG22# (0.2mm <sup>2</sup> -0.32 mm <sup>2</sup> ) TJC3-1 AWG26#(0.12 mm <sup>2</sup> )

### 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

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6.1.3	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> 	15N Min																																																																
6.1.4	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> 	AWG 28: 10N Min. AWG 26: 20N Min. AWG 24: 30N Min. AWG 22: 40N Min.																																																																
6.1.5	成品插入力与拔出力 Insertion and Withdrawal Force for Connector	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> 	<table border="1"> <thead> <tr> <th>PIN</th> <th>首次插入力 (Insertion 1st ) Max</th> <th>首次拔出力 (Withdrawal (1st) Min</th> <th>六次后插入力 (Insertion 6th) Max</th> <th>六次后拔出力 (Withdrawal (6th) Min</th> </tr> </thead> <tbody> <tr><td>2P</td><td>25N</td><td>8N</td><td>25N</td><td>8N</td></tr> <tr><td>3P</td><td>30N</td><td>10N</td><td>30N</td><td>11N</td></tr> <tr><td>4P</td><td>35N</td><td>12N</td><td>32N</td><td>12N</td></tr> <tr><td>5P</td><td>40N</td><td>12N</td><td>35N</td><td>12N</td></tr> <tr><td>6P</td><td>45N</td><td>14N</td><td>40N</td><td>12N</td></tr> <tr><td>7P</td><td>45N</td><td>14N</td><td>43N</td><td>13N</td></tr> <tr><td>8P</td><td>50N</td><td>16N</td><td>45N</td><td>14N</td></tr> <tr><td>9P</td><td>55N</td><td>16N</td><td>50N</td><td>14N</td></tr> <tr><td>10P</td><td>60N</td><td>18N</td><td>55N</td><td>15N</td></tr> <tr><td>11P</td><td>65N</td><td>18N</td><td>60N</td><td>16N</td></tr> <tr><td>12P</td><td>70N</td><td>20N</td><td>65N</td><td>17N</td></tr> </tbody> </table>					PIN	首次插入力 (Insertion 1st ) Max	首次拔出力 (Withdrawal (1st) Min	六次后插入力 (Insertion 6th) Max	六次后拔出力 (Withdrawal (6th) Min	2P	25N	8N	25N	8N	3P	30N	10N	30N	11N	4P	35N	12N	32N	12N	5P	40N	12N	35N	12N	6P	45N	14N	40N	12N	7P	45N	14N	43N	13N	8P	50N	16N	45N	14N	9P	55N	16N	50N	14N	10P	60N	18N	55N	15N	11P	65N	18N	60N	16N	12P	70N	20N	65N	17N
PIN	首次插入力 (Insertion 1st ) Max	首次拔出力 (Withdrawal (1st) Min	六次后插入力 (Insertion 6th) Max	六次后拔出力 (Withdrawal (6th) Min																																																															
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3P	30N	10N	30N	11N																																																															
4P	35N	12N	32N	12N																																																															
5P	40N	12N	35N	12N																																																															
6P	45N	14N	40N	12N																																																															
7P	45N	14N	43N	13N																																																															
8P	50N	16N	45N	14N																																																															
9P	55N	16N	50N	14N																																																															
10P	60N	18N	55N	15N																																																															
11P	65N	18N	60N	16N																																																															
12P	70N	20N	65N	17N																																																															
6.1.6	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, 100 mA 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. Contact resistance: 0.02Ω Max. 中断：1μsec Max.																																																																



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6.1.7	机械冲击 Shock	<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/s<sup>2</sup> 持续时间: 11ms</p> <p>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></p>	<p>外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 中断: 1μsec Max. &lt;1μsec discontinuity</p>
6.1.8	机械寿命 Durability	<p>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></p>	<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.</p>

## 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	<p>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></p>	<p>0.01 Ω Max. ( Initial) 0.02 Ω Max. (Final)</p>
6.2.2	绝缘电阻 Insulation Resistance	<p>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></p>	<p>1000 MΩ Min.</p>
6.2.3	耐电压 Withstand Voltage	<p>相邻接触件之间或地线之间施加 1000V AC (有效值),漏电流 1mA 的电压作用,时间 1min。 Apply a voltage of AC 1000V for 1 minute between adjacent contacts and between contacts to ground. <b>GB/T 5095.2 Method 4a / EIA-364-20B</b></p>	<p>外观: 无击穿和飞弧现象 Appearance: No Breakdown or flashover</p>
6.2.4	温升 Temperature Rise	<p>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></p>	<p>Δ60°C Max.</p>

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### 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 $85\pm 2^{\circ}\text{C}$ 的空气中放置 240 小时, 再回到室温中放置 1-2 小时测定 Mated connectors exposed to the condition of $85\pm 2^{\circ}\text{C}$ for 240 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. 绝缘电阻: $500\text{ M}\Omega$ Min. Insulation Resistance : $500\text{ M}\Omega$ Min. 耐电压: $500\text{V}$ Min. Withstand Voltage: $500\text{V}$ Min
6.3.2	耐低温 Cold Resistance	连接器配合后, 于 $-25\pm 2^{\circ}\text{C}$ 的空气中放置 240 小时, 再回到室温中放置 1-2 小时测定 Mated connectors exposed to the condition of $-25\pm 2^{\circ}\text{C}$ for 240 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. 绝缘电阻: $500\text{ M}\Omega$ Min. Insulation Resistance : $500\text{ M}\Omega$ Min. 耐电压: $500\text{V}$ Min. Withstand Voltage: $500\text{V}$ Min
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: $500\text{ M}\Omega$ Min. Insulation Resistance : $500\text{ M}\Omega$ Min. 耐电压: $500\text{V}$ Min. Withstand Voltage: $500\text{V}$ 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 $(-25\pm 2)^{\circ}\text{C}$ 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, 中间周转时间不得超过5分钟, 共进行25个循环, 恢复1~2h后检查。 Mated connectors shall be tested under the following conditions Temperature $^{\circ}\text{C}$ Duration (Minutes) 1        -25                                      30 2        +25                                      5Max. 3        +85                                        30 4        +25                                      5Max. Step 1 to 4 is one cycle 25 cycles shall be tested. Recovery time 1~2h hours. <b>GB/T 5095.6 method 11d / EIA-364-32C</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: $500\text{ M}\Omega$ Min. Insulation Resistance : $500\text{ M}\Omega$ Min. 耐电压: $500\text{V}$ Min. Withstand Voltage: $500\text{V}$ Min
6.3.5	盐雾 Salt Spray	把试验样品从试验箱顶悬挂下来, 采用浓度为 $(5\pm 1)\%$ (质量百分比) 的氯化钠溶液, 在 $(35\pm 2)^{\circ}\text{C}$ 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 48 hours spray, at temp $(35\pm 2)^{\circ}\text{C}$ , Salt NaCl mist $(5\pm 1)\%$ After test wash parts and return to room ambient for 1~2 hours <b>GB/T 5095.6 Method 11f / EIA-364-26B</b>	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: $0.02\Omega$ Max. Contact resistance: $0.02\Omega$ Max.

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6.3.6	可焊性 Solderability	把试验样品需要焊接的部位浸入焊锡炉中，锡炉温度(245±5)℃，时间(4~5)s Dip solder tails into the molten solder(held at (245±5) °C for (4~5) sec. 无铅焊料: Sn(96.5) Ag(0.5) Cu(3.0) Lead-free solder: Sn(96.5) Ag(0.5) Cu(3.0) <b>GB/T 5095.6 Method 12a / EIA-364-52</b>	上锡率≥90%: Solder coverage: ≥90%
6.3.7	耐焊接热 Resistance to Soldering Heat	1.耐波峰焊: 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。 Dip solder tails into the molten solder(held at (260±5) °C for (5±1) sec., Recovery time 1~2 hours 无铅焊料: Sn(96.5) Ag(0.5) Cu(3.0) Lead-free solder: Sn(96.5) Ag(0.5) Cu(3.0) 2.手工焊接: 温度(350±10)℃，时间(3±0.5)s Manual soldering : (350±10)°C for (3±0.5) seconds <b>GB/T 5095.6 Method 12E / EIA-364-56A</b> <b>GB/T 5095.6 Method 12d / EIA-364-56A</b>	外观: 无损伤(参照6.1.1) Appearance: No damage.( refer to 6.1.1)

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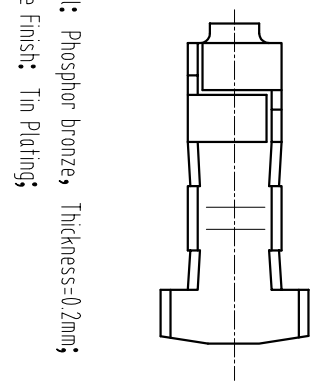
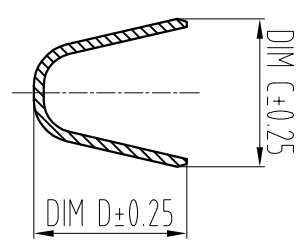
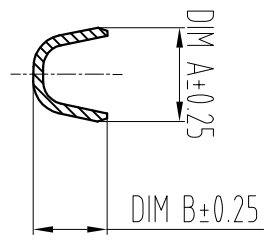
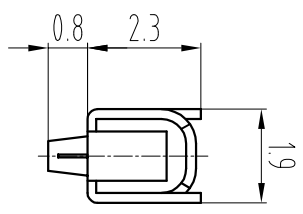
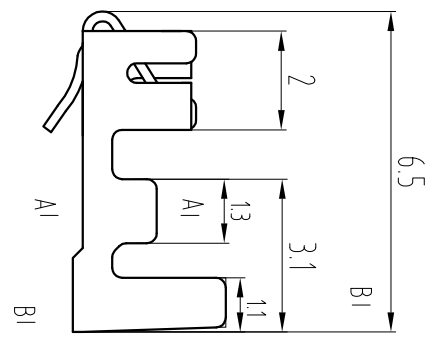
### 7. 测试分组 Test Sequences (Samples: 5PCS)

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	1,5	1,3	1,7	1	1,7	1,7	1,7	1,7	1,5	1	1,3
端子的插入力与固定力 Insertion force and Retention Force for contact	2														
针的固定力 Retention Force for Pin		2													
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					3										
机械冲击 Shock						2									
机械寿命 Durability							5								
接触电阻 Low Level Contact Resistance					2,4		2,6		2,4	2,4	2,4	2,4	2,4		
绝缘电阻 Insulation Resistance							3		5	5	5	5			
耐电压 Withstand Voltage							4		6	6	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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产品名称 Product Name:	TJC25020	编号 Document No.	PS2657	版本号 VersionNo.	6
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General Tolerance		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

Title: 2.5mm Pitch WTB Contact

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		

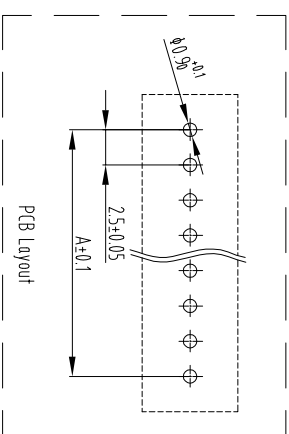
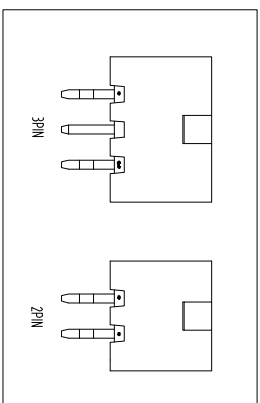
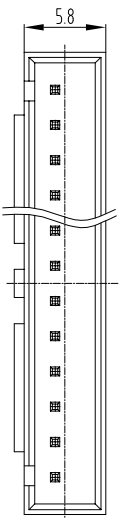
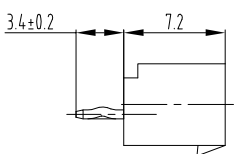
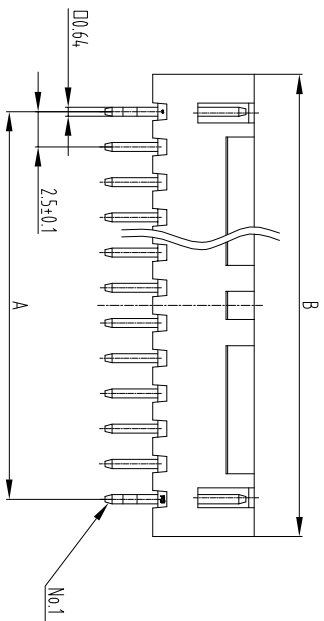
Part No.	DIM A	DIM B	DIM C	DIM D
TJC3-1	175	13	25	2.1
TJC3	19	15	3	3.1

Unit	Scale	Size	Edition
mm	1:1	A4	B3
Sheet No.	1 of 1		

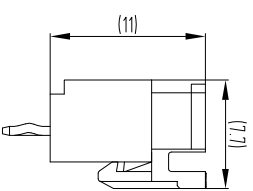
**CWB** 浙江长兴电子元件有限公司  
CWB Electronics (Zhejiang) Co., Ltd.

Document No.: CP-DWG-00195  
Specification No.: F5267/PS388/PS389/PS390/PS391/PS392/PS393/PS394/PS395/PS396/PS397/PS398/PS399/PS400

General Tolerance		Dimension	Tolerance	Rev No	Location	Description	Reviser	Date
	0~3	$\pm 0.13$	/			To update the content	Zhenfenghu	2018.11.22
	3~18	$\pm 0.16$		H8		To update the content	Ruiwenlu	2019.11.14
	18~50	$\pm 0.31$						
	$\geq 50$	$\pm 0.55$						



Assembly View



Notes:

1. Material: PA66 UL94 V-0;
2. Matched Housing: TJC25020-nY;
3. Packaging: Packing bag;
4. Compliant To The Current RoHS.

Brass Tin Plating;

2. Matched Housing: TJC25020-nY;

3. Packaging: Packing bag;

4. Compliant To The Current RoHS.

Qty's	Part No.	Dimension A	Dimension B	Note
12	TJC25020-12A	27.5	32.8	
11	TJC25020-11A	25.0	30.3	
10	TJC25020-10A	22.5	27.8	
9	TJC25020-9A	20.0	25.3	
8	TJC25020-8A	17.5	22.8	
7	TJC25020-7A	15.0	20.3	
6	TJC25020-6A	12.5	17.8	
5	TJC25020-5A	10.0	15.3	
4	TJC25020-4A	7.5	12.8	
3	TJC25020-3A	5.0	10.3	
2	TJC25020-2A	2.5	7.8	

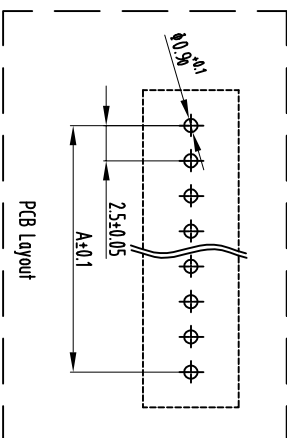
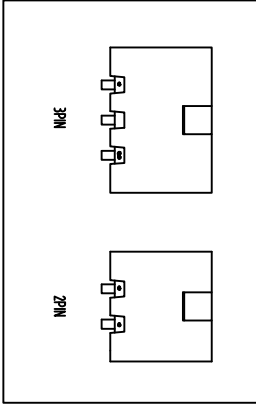
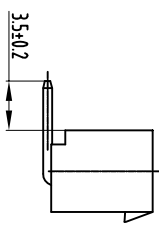
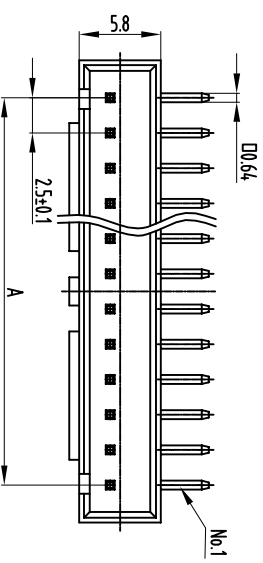
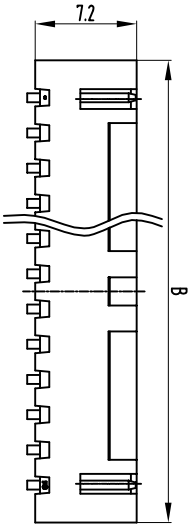
CUSTOMER DRAWING

Title: 2.5mm Pitch WTB Header

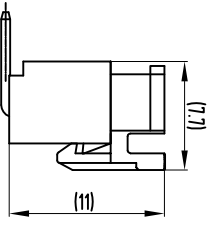
Drawn	Yadnli 2018.7.23	Unit	mm	Scale	2:1	Size	A4	Edition	B2	Part No.:	TJC25020-11A
Checked	Guoying Wang 2018.7.23	Sheet No.	1 of 1						Document No.: CP-DWG-00684		
Approved	Dongxuli 2018.7.23									Specification No.: PS2657	

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

General Tolerance			Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13	✓		To update the content	Zhangyonglu	2018.11.22		
	3~18	±0.16		H8	To update the content				
	18~50	±0.31							
	≥50	±0.55							



Assembly View



Notes:

- 1.Material: PA66 UL94 V-0;
- Brass, Tin Plating;
- 2.Matched Housing: TJC25020-nY.
- 3.Packaging: Packing bag;
- 4.Compliant To The Current RoHS.

CUSTOMER DRAWING

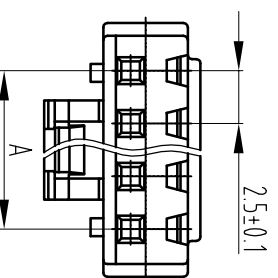
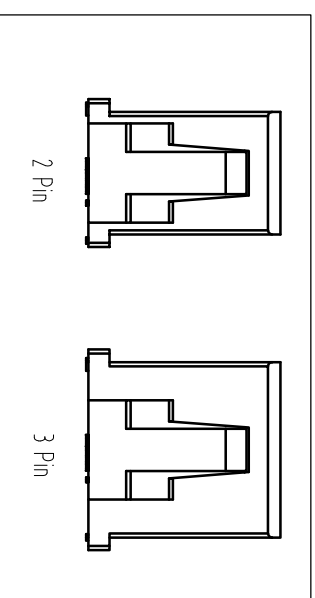
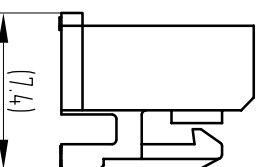
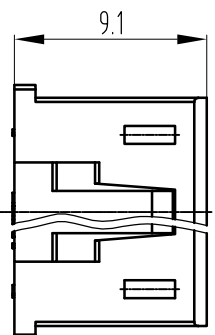
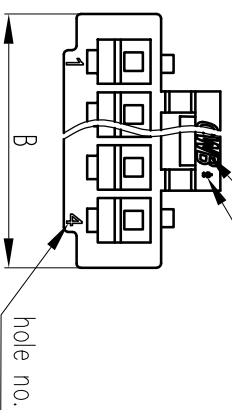
Chks	Part No.	Dimension A	Dimension B	Note
12	TJC25020-12AW	27.5	32.8	
11	TJC25020-11AW	25.0	30.3	
10	TJC25020-10AW	22.5	27.8	
9	TJC25020-9AW	20.0	25.3	
8	TJC25020-8AW	17.5	22.8	
7	TJC25020-7AW	15.0	20.3	
6	TJC25020-6AW	12.5	17.8	
5	TJC25020-5AW	10.0	15.3	
4	TJC25020-4AW	7.5	12.8	
3	TJC25020-3AW	5.0	10.3	
2	TJC25020-2AW	2.5	7.8	

Drawn	Yadali 2018.7.23	Unit	mm	Scale	2:1	Size	A4	Edition	B2	Part No.:	TJC25020-11AW
Checked	Guoying Wang 2018.7.23	Sheet No.	1 OF 1		1 OF 1		1 OF 1		Document No.: CP-DWG-00685		
Approved	Dongxuli 2018.7.23	Title:		2.5mm Pitch WTB		Header		Specification No.: PS2657			

CWB 浙江合兴电子元件有限公司											
CWB Electronics (Zhejiang) Co., Ltd.											

General Tolerance				Description		Reviser	Date
Dimension	Tolerance	Rev. No	Location	To update the content	Zhenfanghu	2018.11.22	
0~3	±0.13	/	/	To update the content	Ruikunlai	2019.11.16	
3~18	±0.16		H8				
18~50	±0.31						
≥50	±0.55						

Trade mark  
Cavity no. (The cavity no. can be adjusted according to the layout of the mold)



Ckt's	Part No.	Dimension A	Dimension B
4	TJC25020-4Y	7.5	12.0
3	TJC25020-3Y	5.0	9.5
2	TJC25020-2Y	2.5	7.0

- Notes:
1. Material: PA66 UL94 V-0;
  2. Matched Housing: TJC25020-2~4A, TJC25020-2~4AW;
  3. Matched Contact: TJC3/TJC3-1;
  4. Packaging- Packing bags;
  5. Compliant To The Current RoHS.

CUSTOMER DRAWING

Title: 2.5mm Pitch WTB Housing

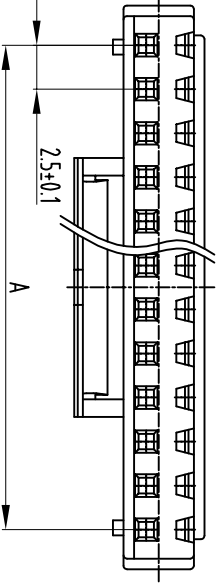
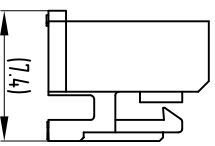
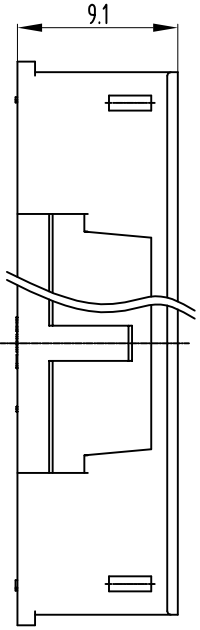
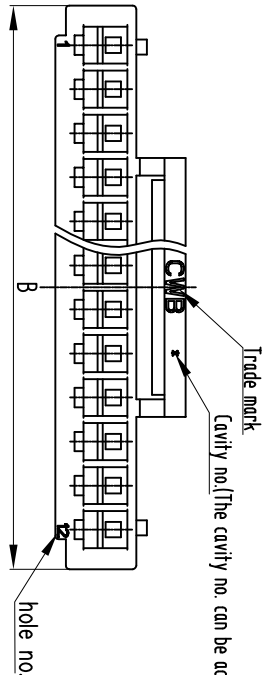
Drawn	Yadunli 2018.7.23	Unit	mm	Scale	3:1	Size	A4	Edition	B2	Part No.:	TJC25020-2~4Y
Checked	Guoying Wang 2018.7.23	Sheet No.	1 OF 1							Document No.:	CP-DWG-00688
Approved	Dongxuli Liu 2018.7.23									Specification No.:	PS2657



CWB 浙江合兴电子元件有限公司  
CWB Electronics (Zhejiang) Co., Ltd.

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	✓		To update the content	Zhangyue	2018.12.22		
3~18	±0.16	H8		To update the content	Shanwei	2018.11.14		
18~50	±0.31							
≥50	±0.55							

CWB  
Cavity no. The cavity no. can be adjusted according to the layout of the mold



12	11	10	9	8	7	6	5
TJC25020-12Y	TJC25020-11Y	TJC25020-10Y	TJC25020-9Y	TJC25020-8Y	TJC25020-7Y	TJC25020-6Y	TJC25020-5Y
27.5	25.0	22.5	20.0	17.5	15.0	12.5	10.0
32	29.5	27	24.5	22	19.5	17	14.5
Part No.	Dimension A	Dimension B	Ckts				

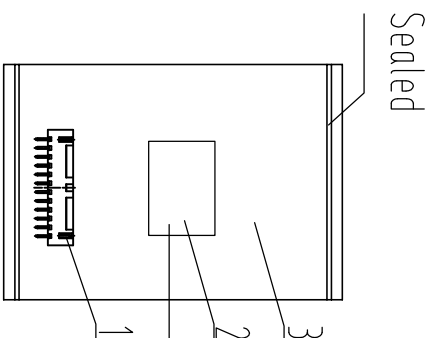
- Notes:
1. Material: PA66 UL94 V-0;
  2. Matched Housing: TJC25020-5~12A, TJC25020-5~12AW;
  3. Matched Contact: TJC3/TJC3-1;
  3. Packaging: Packing bags;
  4. Compliant To The Current RoHS.

CUSTOMER DRAWING				Title:	
Drawn	Yadali 2018.7.23	Unit	mm	Scale	2.5:1
Checked	Guoying Wang 2018.7.23	Sheet No.	1 OF 1	Size	A4
Approved	Dongxuliu 2018.7.23	Edition	B2	Part No.:	TJC25020-5~12Y
				Document No.:	CP-DWG-00686
				Specification No.:	PS2657

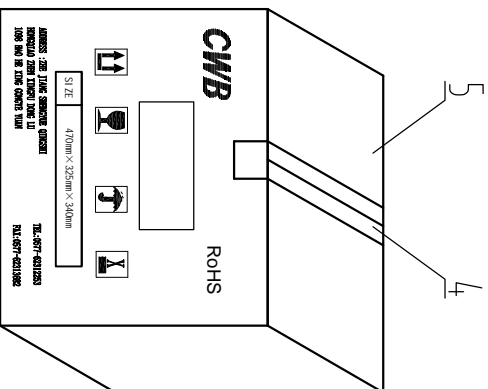
1 2 3 4 5 6 7 8 9 10

A B C D E F G H

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13		H8	To update the content	Ruiwen.Gu	2019.11.4
3~18	±0.16					
18~50	±0.31					
≥50	±0.55					



数量	500
物料号	TJC25020-12A
物料名称	25mm Pitch WTB Header
规格	25mm Pitch WTB Header
物料属性	标准件
物料分类	电子元器件
物料用途	连接器
物料来源	自制
物料备注	

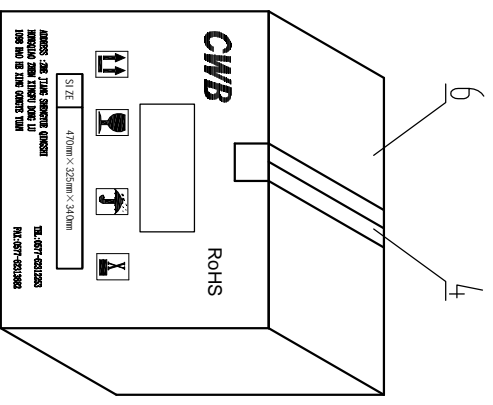
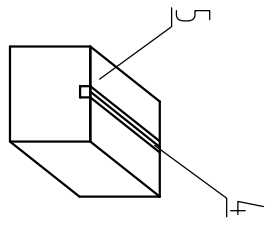
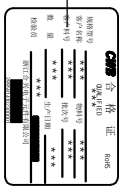
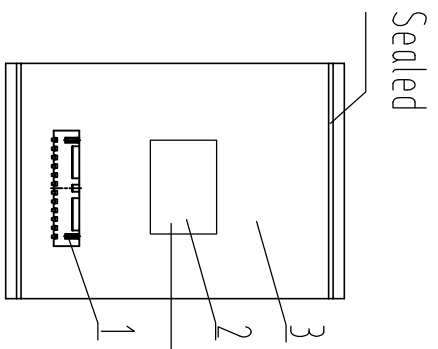


Number	Designation	Part No.	Pcs/bag	Remarks
5	Packing box	TJC25020-6A	1000	
4	Gummed tape	TJC25020-5A	1000	
3	Packing bag	TJC25020-4A	1000	
2	Certificate	TJC25020-3A	1000	
1	TJC25020-A Series Header	TJC25020-2A	1000	

CUSTOMER DRAWING

Drawn	YadunLi	2018.7.24	Unit	mm	Scale	2.5:1	Size	A4	Edition	B1	Title	Packaging Specification of 25mm Pitch WTB Header
Checked	GuoyingWang	2018.7.24	Sheet No.			1 OF 1					Part No.:	TJC25020-nA
Approved	Dongxuliu	2018.7.24	 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.		Document No.:	BZ-DWG-00375	Specification No.:	PS2657				

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13		H8	To update the content	Ruiwen Gu	2019.11.4
3~18	±0.16					
18~50	±0.31					
≥50	±0.55					

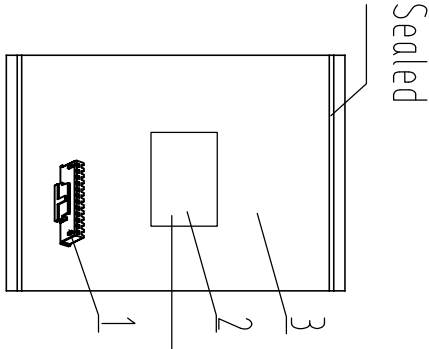


Number	Designation	Part No.	Pcs/bag	Remarks
1	Certificate	TIJ25020-3AW	1000	
2	TIJ25020 Series Header	TIJ25020-2AW	1000	
3	Packing bag	TIJ25020-4AW	1000	
4	Gummed tape	TIJ25020-5AW	1000	
5	Small inner packing box	TIJ25020-6AW	1000	
6	Packing box	TIJ25020-7AW	1000	
		TIJ25020-8AW	1000	
		TIJ25020-9AW	500	
		TIJ25020-10AW	500	
		TIJ25020-11AW	500	
		TIJ25020-12AW	500	

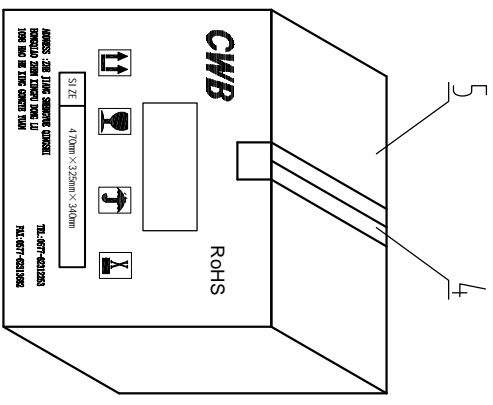
CUSTOMER DRAWING				Title: Packaging Specification of 25mm Pitch WTB Header								
Drawn	Yadun Li	2018.7.24	Unit	mm	Scale	1	Size	A4	Edition	B1	Part No.:	TIJ25020-nAW
Checked	Guoying Wang	2018.7.24	Sheet No.	1 OF 1							Document No.:	BZ-DWG-00376
Approved	Dongxuliu	2018.7.24	CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.								Specification No.:	PS2657



Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13		H8	To update the content	Ruiwen.Gu	2019.11.4
3~18	±0.16					
18~50	±0.31					
≥50	±0.55					



数量	1
规格	TIC25020-12Y
物料号	TIC25020-12Y
物料名称	TIC25020-12Y
物料描述	TIC25020-12Y
物料规格	TIC25020-12Y
物料用途	TIC25020-12Y
物料来源	TIC25020-12Y
物料状态	TIC25020-12Y
物料备注	TIC25020-12Y



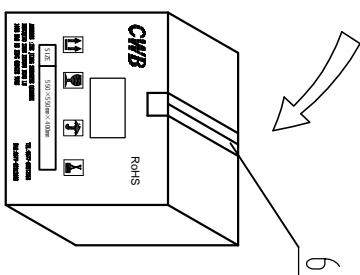
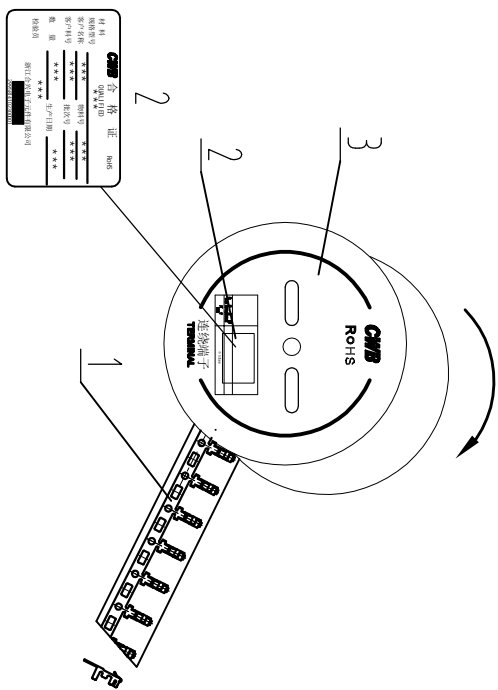
Number	Designation	Part No.	Pcs/bag	Remarks
1	TIC25020-nY Series Housing	TIC25020-2Y	1000	
2	Certificate	TIC25020-3Y	1000	
3	Packing bug	TIC25020-4Y	1000	
4	Gummed tape	TIC25020-5Y	1000	
5	Packing box	TIC25020-6Y	1000	

CUSTOMER DRAWING

Drawn	YadunLi 2018.7.24	Unit	mm	Scale	2.5:1	Size	A4	Edition	B1	Title	Packaging Specification of 25mm Pitch WTB Housing
Checked	Guoying Wang 2018.7.24	Sheet No.	1 of 1							Part No.:	TIC25020-nY
Approved	Dongxuliu 2018.7.24									Document No.:	BZ-DWG-00377
										Specification No.:	PS2657



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										



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

### CUSTOMER DRAWING

Title:				Part No.:				Document No.:			
Packaging Specification of 25mm Pitch WTB Socket Terminal				TJ3/TJ3-1				BZ-DWG-00110			
Drawn	Lingling Zhang 2016.3.10	Unit	mm	Scale	/	Size	A4	Edition	B3	Sheet No.	1 of 1
Checked	Guoying Wang 2016.3.10	Approved	Dongxuli 2016.3.10	<b>CMB 浙江合兴电子元件有限公司</b> CMB Electronics (Zhejiang) Co., Ltd.							
Specification No.:				JES39U/CS388/CS388/CS388/CS388							

