

标题: TJC3 系列连接器

Title: TJC3 Connector

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中国·浙江省乐清市虹桥镇幸福东路 1098 号 合兴工业园 1098, Xingfu `Road(East), CWB Industrial Zone, Hongqiao, Yueqing, Zhejiang 325608, China Tel: 86-577-61313157 (Research & Development Dept.) Tel: 86-577-62312253 (Sales Dept.)	<b>制定 Edit:</b> <u>路欢 2021.08.25</u>	<b>产品名称 Product name:</b> <u>TJC3 系列连接器</u>
	<b>审核 Check:</b> <u>王国英 2022.08.26</u>	<b>编号 Document No.:</b> <u>PS4115</u>
	<b>批准 Approval:</b> <u>刘冬旭 2022.08.26</u>	<b>版本 Revision:</b> <u>V3</u>



# 产品规格书

## PRODUCT SPECIFICATION

### 1. 更改履历 Change record

版本号 Version No.	更改前描述 Description before modification	更改后描述 Description after modification	更改人/日期 Reviser/Date
V0	/	初版发行	路欢/2021/8/25
V1	/	Update specifications and part no according to new naming specifications	尹恒 2022/03/25
V2	/	TJC3-nAWB/nABX 图纸错误更改 TJC3-nAWB /nABX drawing error changed	尹恒 2022/07/6
V3	/	新增 TJC3-nAT 编带产品, 更新适用导线名称 Added TJC3-nAT tape product and updated the applicable wire name	尹恒 Heng.Yin 2022/8/26

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## PRODUCT SPECIFICATION

### 2. 适用范围 Scope

本产品规格书适用于浙江合兴电子元件有限公司生产的 WTB 2.5 阴型 & 阳型电子连接器，产品名称：TJC3 系列连接器。

This product specification covers the requirement for wire to board 2.5mm pitch Receptacle & Plug connector, which are designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: TJC3 Connector.

### 3. 产品描述 Product description

TJC3 系列连接器产品为家电连接器产品，产品部件组成如下：

The TJC3 series connector designed for home appliances connection. part checklist as following form:

Part name 产品名称	Part No. 规格型号	Previous part No. 曾用规格型号	Description 描述
阳连接器（立式，直插） Header (V, DIP, W/Kink)	TJC3-nA (**-*)	TJC3-nA(无小弯)	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（立式，直插，含小弯） Header (V, DIP, W/Kink)	TJC3-nAK(**-*)	TJC3-nA	Wafer: PA66 UL94 V-0, PA66 UL94 V-2, PA66+GF V-2, PA66 UL94 V-0 GWT 750°C Post: Brass, tin plated
阳连接器（立式，直插，含小弯） Header (V, DIP, W/Kink)	TJC3-nAK3.2(**-*)	TJC3-nA-3.2	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（立式，直插，含小弯，带锁扣） Header (V, DIP, W/Kink, W/Lock)	TJC3-nAK-1(**-*)	TJC3-nAS	Wafer: PA66 UL94 V-0 Post: Brass, tin plated
阳连接器（立式，直插，含定位柱，含小弯） Header (V, DIP, W/Boss, W/Kink)	TJC3-nADK(**-*)	TJC3-nAD	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（立式，直插，含小弯，带锁扣） Header (V, DIP, W/Kink, W/Lock)	TJC3B-2AK (**-*)	TJC3-2ADS	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（立式，直插，含小弯，含定位柱，带锁扣） Header (V, DIP, W/Kink, W/Boss, W/Lock)	TJC3-nADK-1(**-*)	TJC3-nADS	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（卧式，直插） Header (H, DIP)	TJC3-nAW(**-*)	TJC3-nAW	Wafer: PA66 UL94 V-0, PA66 UL94 V-2, PA66 UL94 V-0 GWT 750°C Post: Brass, tin plated
阳连接器（卧式，直插） Header (H, DIP)	TJC3-nAW3.2(**-*)	TJC3-nAW-3.2	Wafer: PA66 UL94 V-0 Post: Brass, tin plated
阳连接器（卧式，直插） Header (H, DIP)	TJC3-nAW-1(**-*)	TJC3-nAW(高平弯)	Wafer: PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（立式，直插，带挡板） Header (V, DIP, W/PCB stabilizer)	TJC3-nAJ(**-*)	TJC3-nAJ	Wafer: PA66 UL94 V-2 Post: Brass, tin plated
阳连接器（卧式，直插，带挡板） Header (H, DIP, W/PCB stabilizer)	TJC3-nAWJ(**-*)	TJC3-nAWJ(无小弯)	Wafer: PA66 UL94 V-0, PA66 V-2 Post: Brass, tin plated

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## PRODUCT SPECIFICATION

阳连接器 (卧式, 直插, 含小弯, 带挡板) Header (H, DIP, W/Kink, W/PCB stabilizer)	TJC3-nAWJK(**-*)	TJC3-nAWJ	Wafer: PA66 UL94 V-0, PA66 V-2, PA66+GF UL94 V-0, PA66 UL94 V-0 GWT 750°C Post: Brass, tin plated
阳连接器 (卧式, 直插, 带挡板) Header (V, DIP, W/PCB stabilizer)	TJC3-nAWJ3.2(**-*)	TJC3-nAWJ-3.2(平弯)	Wafer: PA66 UL94 V-0, PA66 UL94 V-2 Post: Brass, tin plated
阳连接器 (立式, 表面装贴, 带吸嘴盖) Header (V, SMT, With cover)	TJC3-nABX(**-*)	TJC25061-nAB	Wafer: PA9T+GF UL94 V-0 Post: Brass, tin plated
阳连接器 (卧式, 表面装贴) Header (H, SMT)	TJC3-nAWB(**-*)	TJC25061-nAWB	Wafer: PA9T+GF UL94 V-0 Post: Brass, tin plated
阳连接器 (立式, 直插) Header(V, DIP)	TJC3-nAT(**-*)	TJC3-nA-1	Wafer: PA66 UL94 V-2 Post: Brass, tin plated
孔座 Housing	TJC3-nY* (**-*)	TJC3-nY	PA66 UL94 V-0, PA66 UL94V-2, PA66 UL94 V-0 GWT 750°C
插簧 Contact	CH-TJC3-**	TJC3	AWG#24~AWG#22
插簧 Contact	CH-TJC3-1-**	TJC3-1	AWG#26
插簧 Contact	CH-TJC3-2-**	TJC3-2	AWG#28
插簧 Contact	CH-TJC3B-**	TJC3(2.5 宽)	AWG#24~AWG#22

### 4. 相关标准 Related standards

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

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

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

产品符合 RoHS 标准。

The product should comply with RoHS.

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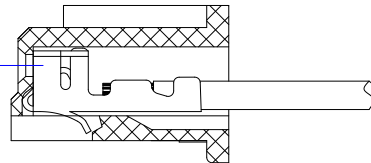
### 5. 参数范围 Parameter ratings:

额定电流 [AC(有效值)/DC] Rated current [AC(rms)/DC]	AWG#28 1.5A	AWG#26 2A	AWG#24 2.5A	AWG#22 3A
适用 PCB 板 Applicable PCB	Board thickness: 0.8~1.6mm Hole diameter: $\phi$ 0.9mm~ $\phi$ 1.0mm			
额定电压[AC(有效值)/DC] Rated voltage [AC(rms)/DC]	250V			
使用温度范围（包含温升） Operating temperature range (include temperature rise)	-30℃~+105℃			
适用线型（具体适用线型请参考 压接规格书） Applicable wires(Please refer to the crimping specification for details)	CH-TJC3	Wire size: AWG#24~AWG#22 (0.21 mm <sup>2</sup> ~0.33 mm <sup>2</sup> ) Insulation diameter: $\phi$ 1.4mm~ $\phi$ 1.6mm		
	CH-TJC3-1	Wire size: AWG#26 (0.13 mm <sup>2</sup> ) Insulation diameter: $\phi$ 1.3mm		
	CH-TJC3-2	Wire size: AWG#28 (0.08 mm <sup>2</sup> ) Insulation diameter: $\phi$ 1.2mm		
	CH-TJC3B	Wire size: AWG#24~AWG#22 (0.21 mm <sup>2</sup> ~0.33 mm <sup>2</sup> ) Insulation diameter: $\phi$ 1.4mm~ $\phi$ 1.6mm		

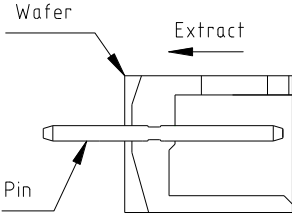
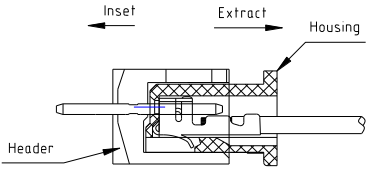
### 6. 产品性能 Performance

#### 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 eyes 视力: 1.0 以上 Eyesight: > 1.0 照明: (200~300) lx Lamp: (200~300) lx 目测距离: (0.3~0.5) m Space: (0.3~0.5) m <b>GB/T 5095.2 Method 1a</b>	1.塑料件表面应无明显疤痕、凹陷、开裂及影响使用的变形。 Plastic part: smooth and flat surface without discolor, broken, crack, and distortion, etc. 2 金属件表面无锈蚀、氧化、无明显的机械损伤及电镀层脱落等缺陷。 Metal part: bright and even surface without rust, oxide, fog and obvious physical damage, etc.	
6.1.2	端子插入力与固定力 Insertion force and retention force for contact	应测量将端子沿轴线方向插入孔座和拔出孔座的力, 测试速度不大于25 mm/min。 The force of inserting and pulling the contact into and out of the housing along the axis shall be measured (Testing speed: <25 mm/min.) <b>GB/T 5095.8 Method 15d / EIA-364-29B</b>	插入力(最大值) Insertion force (Max.)	固定力(不带锁紧片测试) (最小值) Retention force (Test without locking plate) (Min.)
			10N	25N



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6.1.3	<p>针的固定力 Post retention force</p>	<p>沿插针轴线方向施加推力，测量将插针从塑件上分离的力，测试速度不大于 25 mm/min。 The end of a post shall be pushed in a direction perpendicular to a wafer. The load required to make the post start moving from the wafer shall be measured. (Testing speed: &lt;25 mm/min.) <b>GB/T 5095.8 Method 15a / EIA-364-29B</b></p> 	<p>TJC3 -nAT: 25N Min Other: 10N Min</p>			
6.1.4	<p>插簧与插针的插拔力 Insertion and withdrawal force for pin in the contact</p>	<p>固定连接器和/或测力计，在端子轴线方向将插针插入和拔出插簧，测试速度不大于 25 mm/min。 Insert the pin contact into and pull out the socket contact in the direction of the terminal axis (Testing speed: &lt;25 mm/min.) <b>GB/T 5095.7 Method 13b / EIA-364-13B</b></p>	<p>插入力 (Insertion force) Max.</p>	<p>拔出力 (Withdrawal force) Min.</p>		
6.1.5	<p>成品插入力与拔出力 Insertion force and withdrawal force</p>	<p>将装有已压接端子的孔座与阳连接器做插入和拔出，测量首次插入力、首次拔出力及第50次拔出力，测试速度不大于25 mm/min。 A housing with crimped contacts and a header shall be mated and unmated on the mating axis. Initial insertion and withdrawal forces and withdrawal force at 50th shall be measured. (Testing speed: &lt;25 mm/min.) <b>GB/T 5095.7 Method 13b / EIA-364-13B</b></p> 	<p>No. of Poles</p>	<p>插入力(最大值) Insertion (Max.)</p>	<p>拔出力 (最小值) Withdrawal (Min.)</p>	
			<p>初次 1st.</p>	<p>初次 1st.</p>	<p>第五十次 50th.</p>	
			2P	29.4N	7.8N	5.9N
			3P	34.3 N	9.8N	7.8N
			4P	39.2N	11.8N	8.8N
			5P	44.1N	11.8N	8.8N
			6P	49.0N	13.7N	9.8N
			7P	53.9N	13.7N	9.8N
			8P	58.8N	15.7N	11.8N
			9P	63.7N	15.7N	11.8N
			10P	68.6N	17.6N	13.7N
			11P	73.5N	17.6N	13.7N
			12P	78.4N	19.6N	15.7N
			13P	83.3N	19.6N	15.7N
			14P	88.2N	21.6N	17.6N
			15P	93.1N	23.5N	19.6N
			16P	98.0N	23.5N	19.6N

<p>产品名称 Product name:</p>	<p>TJC3 系列连接器</p>	<p>编号 Document No.</p>	<p>PS4115</p>	<p>版本号 Version No.</p>	<p>V3</p>
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			极数 No. of poles	插入力(最大值) Insertion (Max.)	拔出力 (最小值) Withdrawal (Min.)	
				初次 1st.	初次 1st.	第五十次 50th.
6.1.6	成品插入力与拔出力 (去锁扣) Insertion force and withdrawal force (without lock)	将装有已压接端子的孔座与阳连接器做插入和拔出， 测量首次插入力、首次拔出力及第50次拔出力，测试 速度不大于25 mm/min.。 适用产品：TJC3-nAK-1、TJC3-nADK-1、TJC3B-nAK、 TJC3-nABX、TJC3-nAWB A housing with crimped contacts and a header shall be mated and unmated on the mating axis. Initial insertion and withdrawal forces and withdrawal force at 50th. shall be measured. (Testing speed: <25 mm/min.) applicable product: TJC3-nAK-1、TJC3-nADK-1、 TJC3B-nAK、TJC3-nABX、TJC3-nAWB <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	2P	29.4N	1.2N	0.6N
			3P	34.3 N	1.8N	0.9N
			4P	39.2N	2.4N	1.2N
			5P	44.1N	3.0N	1.5N
			6P	49.0N	3.6N	1.8N
			7P	53.9N	4.2N	2.1N
			8P	58.8N	4.8N	2.4N
			9P	63.7N	5.4	2.7N
			10P	68.6N	6.0N	3.0N
			11P	73.5N	6.5N	3.3N
			12P	78.4N	7.1N	3.6N
			13P	83.3N	7.7N	3.9N
			14P	88.2N	8.3N	4.2N
			15P	93.1N	8.9N	4.5N
16P	98.0N	9.5N	4.8N			
6.17	压着部位抗张强度 Crimp tensile strength	在已压接端子的头部和导线上施加拉力，并测量将导 线从端子拉出或导线断裂所需的力，测试速度不大于 25 mm/min.。 Pulling load shall be applied to a correctly crimped contact and a wire. The load required to pull the wire out of the contact or break the wire shall be measured. (Testing speed: <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.		
6.1.8	机械振动 Vibration	插合连接器，串联在直流电源上，电流100mA；并模 拟正常工作状态：振频为（10~55~10）Hz，每个循 环时间为1分钟，振幅1.52mm。沿XYZ三轴正反方向 各循环2小时 Mate connectors subjected them to following vibration conditions, for a period of 2 hours in each of 3 mutually perpendicular axes, 100 mA current shall be applied. Frequency: (10~55~10)Hz/min. Cycling time: 1 min. Amplitude: 1.52mm. <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：20mΩ Max. Contact resistance: 20mΩ Max. 电流中断时间：1μsec Max Current interruption: 1μsec Max		
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6.1.9	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>Mate connectors and subject them to the following shock conditions, 3 times of shock shall be applied for each 6 directions along 3 mutually perpendicular axes, passing DC 100mA current during the test.(total of 18 shocks)</p> <p>Test pulse: 490m/s<sup>2</sup> Duration: 11ms</p> <p><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)</p> <p>电流中断时间: 1μsec Max Current interruption: 1μsec Max</p>
6.1.10	机械寿命 Durability	<p>以每分钟 10 次的速度插拔 50 次 50 cycles for mating and unmating test at the speed of 10 cycles per minute</p> <p><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)</p> <p>接触电阻：20mΩ Max. Contact resistance: 20mΩ 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 Mate connectors with dry circuit to test contact resistance</p> <p><b>GB/T 5095.2 Method 2a / EIA-364-23B</b></p>	<p>10mΩ Max. (Initial) 20m 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.</p> <p><b>GB/T 5095.2 Method 3a / EIA-364-21C</b></p>	<p>1000 MΩ Min (Initial) 500 MΩ Min (Final)</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 1000V AC (rms) and leakage current of 1mA between adjacent contacts or ground cables for 1 minute.</p> <p><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 Mate connectors and measure the temperature rise of contact when the maximum AC rated current is passed.</p> <p><b>GB/T 5095.3 Method 5a / EIA-364-70A</b></p>	<p>Δ30°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 (105±2) °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 (105±2)°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: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance:500 MΩ Min. 耐电压: 1000V Min. Withstand voltage: 1000V Min.										
6.3.2	耐低温 Cold resistance	连接器配合后, 于 (-40±2) °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±2)°C for 96hours, 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: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance:500 MΩ Min. 耐电压: 1000V Min. Withstand voltage: 1000V Min.										
6.3.3	恒定湿热 Humidity	温度 (40±2) °C, 相对湿度 (90~95) % 搁置时间 240 小时, 取出恢复 (1~2) 小时后检查。 Mated connectors exposed to the condition of temperature (40±2)°C, humidity (90~95)% for 240 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: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 1000V Min. Withstand voltage: 1000V Min.										
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±2) °C 的恒温条件下放置 0.5 小时; b) 在 (85±2) °C 的恒温条件下放置 0.5 小时; 从 a)到 b)为一个循环, 周期温度转换时间应不大于 5 分钟, 共进行 25 个循环, 恢复 (1~2) 小时后检查 Mated connectors shall be tested under the following conditions <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Temperature °C</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1 -55±2</td> <td>0.5h</td> </tr> <tr> <td>2 Room Temp.</td> <td>5 minutes Max.</td> </tr> <tr> <td>3 +85±2</td> <td>0.5h</td> </tr> <tr> <td>4 Room Temp.</td> <td>5 minutes Max.</td> </tr> </tbody> </table> Step 1 to 4 is one cycle,25 cycles shall be tested, recovery time (1~2) hours <b>GB/T 5095.6 method 11d / EIA-364-32C</b>	Temperature °C	Duration	1 -55±2	0.5h	2 Room Temp.	5 minutes Max.	3 +85±2	0.5h	4 Room Temp.	5 minutes Max.	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 1000V Min. Withstand voltage: 1000V Min.
Temperature °C	Duration												
1 -55±2	0.5h												
2 Room Temp.	5 minutes Max.												
3 +85±2	0.5h												
4 Room Temp.	5 minutes Max.												

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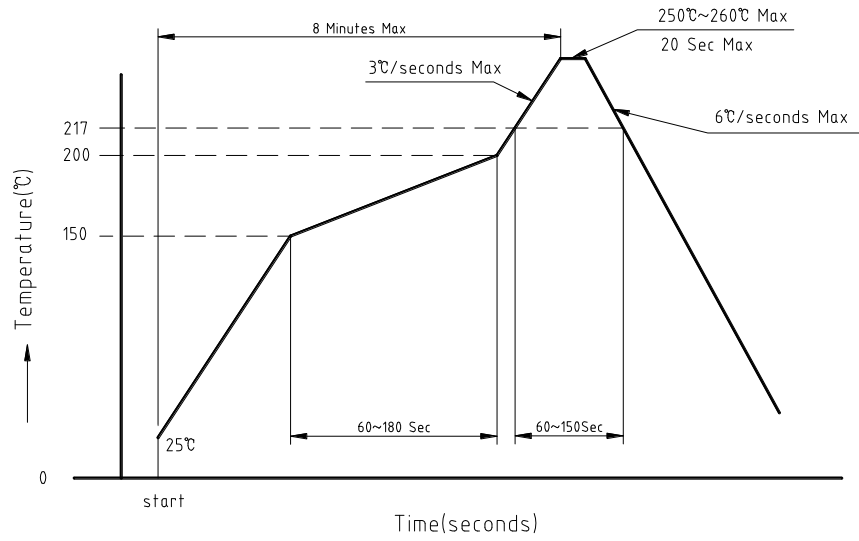
产品名称 Product name:	TJC3 系列连接器	编号 Document No.	PS4115	版本号 Version No.	V3
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6.3.5	盐雾 Salt spray	把试验样品从试验箱顶悬挂下来,采用浓度为(5±1)%(质量百分比)的氯化钠溶液,在(35±2)℃温度下连续雾化48小时,试验后用流动的蒸馏水轻轻洗去表面沉积物。在常温常湿条件下恢复(1~2)小时 48 hours spray, at temp (35±2)℃, NaCl mist concentration (5±1)%. After test wash parts and put it into room ambient for (1~2) hours <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 on material exposed and plating material, slight erosion on the cutting surface is acceptable) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.
6.3.6	工业气体(氨气)Industrial gas(Ammonia)(NH <sub>3</sub> )	连接器在每升容积内含25毫升3%氨溶液的氨气箱中暴露7小时。 After 7 hours exposure in ammonia chamber with 25 mL of 3% ammonia solution for every liter of chamber capacity	无应力腐蚀开裂。 No stress corrosion cracking.
6.3.7	硫化氢气体测试(H <sub>2</sub> S gas test)	连接器配合后,在温度(40±2)℃、湿度(80±5)%、H <sub>2</sub> S气体浓度为(3±1)ppm的环境中放置96小时 Mated connectors exposed to the condition of temperature (40±2)℃, humidity (80±5)%, H <sub>2</sub> S gas concentration of (3±1)ppm for 96 hours	外观:无损伤(参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.
6.3.8	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)秒 Dip solder tails into the molten solder held at (245±5)℃ for (4~5) seconds	上锡率: ≥90% Solder coverage: ≥90%
6.3.9	耐焊接热 Resistance to soldering heat	耐波峰焊热:把试验样品需要焊接的部位浸入焊锡炉中,锡炉温度(260±5)℃;时间(5±1)秒后,在正常条件下恢复(1~2)小时 Resistance to wave soldering heat: Dip solder tails into the molten solder held at (260±5)℃ for (5±1) seconds, recovery time (1~2) hours 手工焊接:温度(350±10)℃,时间(1~2)秒 Manual soldering: (350±10)℃ for (1~2) seconds 回流焊形式(适合SMT类产品): 按下图的条件测试耐焊接热。 Reflow type: The specimen shall be tested resistance, to soldering heat in the following conditions.	外观:无损伤(参照6.1.1) Appearance: no damage.( refer to 6.1.1)
6.3.10	灼热丝 Glow wire (只针对GWT750℃产品) Only for GWT750℃ product)	750℃灼热丝顶部接触试验样品 接触时间:(30±1)s 接近和离开速率:10mm/s~25mm/s 灼热丝进入或贯穿试验样品深度:(7±0.5)mm。 750℃ glow wire contacts with mated connector Time: (30±1)s Speed of closing to and leaving: 10mm/s~25mm/s Depth that glow wire penetrates mated connector: (7±0.5)mm <b>GB/T 5169.10</b>	1.试验样品燃烧时间不超过2s。 The time that mated connector burns should be not more than 2s. 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。 Thirty seconds after glow wire leaves mated connector, it does not burn or have no incandescence and it does not fall something, or the falling thing does not burn.

产品名称 Product name:	TJC3 系列连接器	编号 Document No.	PS4115	版本号 Version No.	V3
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Recommended IR Reflow Temperature Profile:

1 Using Lead-Free Solder Paste



回流焊曲线图 Reflow soldering curve

产品名称 Product name:	TJC3 系列连接器	编号 Document No.	PS4115	版本号 Version No.	V3
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# 产品规格书

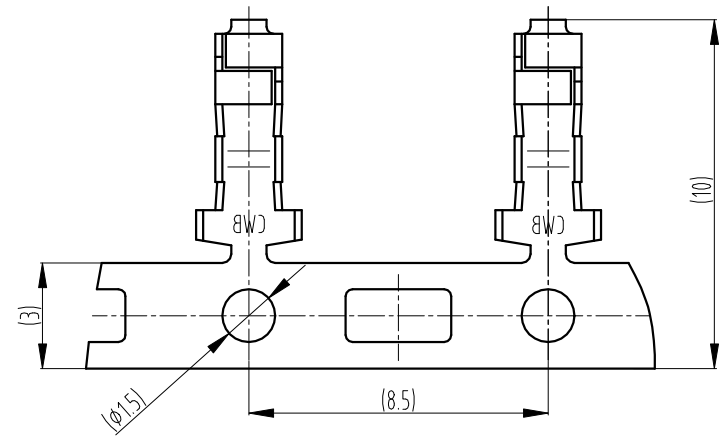
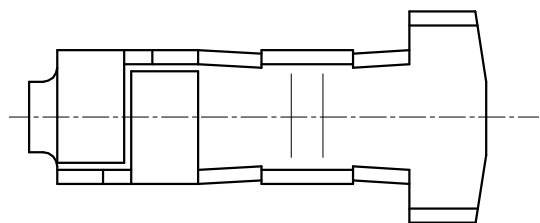
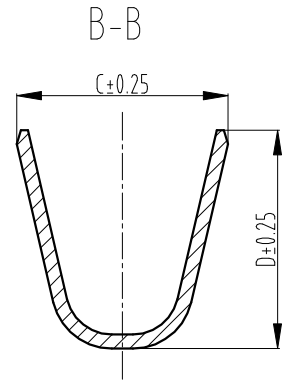
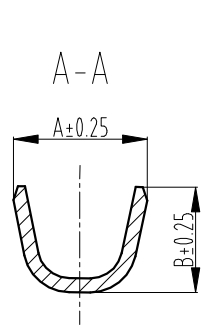
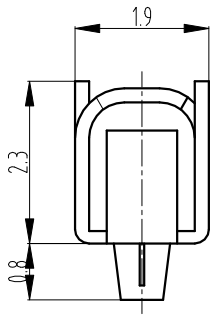
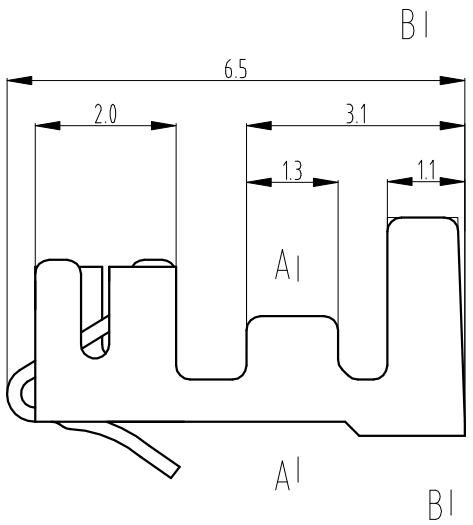
## PRODUCT SPECIFICATION

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

测试组 Group number	A	B	C	D	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
外观 Appearance	1	1	1	1	1	1,5	1,5	1,7	1	1,5	1,5	1,7	1,7	1,5	1,3	1,5	1,3	1,3	1,3
端子插入力与固定力 Insertion force and retention force for contact	2																		
针的固定力 Post retention force		2																	
插簧与插针插拔力 Insertion and withdrawal force for pin in the contact			2																
成品插入力与拔出力 (去锁扣) Insertion force and withdrawal force(without lock)				2															
压着部位抗张强度 Crimp tensile strength					2														
机械振动 Vibration						3													
机械冲击 Shock							3												
机械寿命 Durability								6											
接触电阻 Contact resistance						2,4	2,4	2,5		2,4	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					
工业气体(氨气)Industrial gas(Ammonia)(NH <sub>3</sub> )															2				
硫化氢气体测试 (H <sub>2</sub> S gas test)																3			
可焊性 Solderability																	2		
耐焊接热 Resistance to soldering heat																		2	
灼热丝 Glow wire																			2

产品名称 Product name:	TJC3 系列连接器	编号 Document No.	PS4115	版本号 Version No.	V3
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General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



Notes:

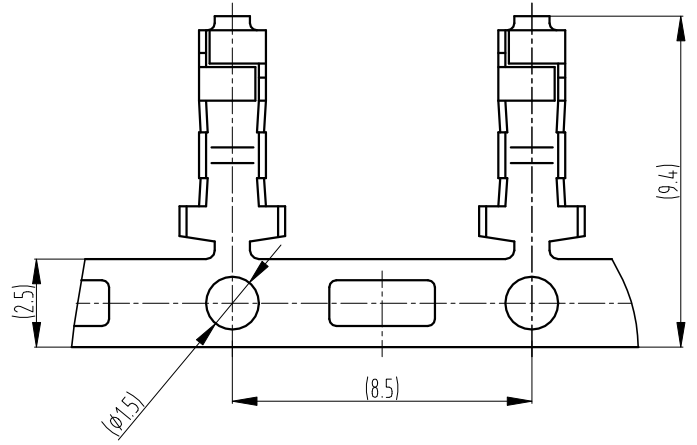
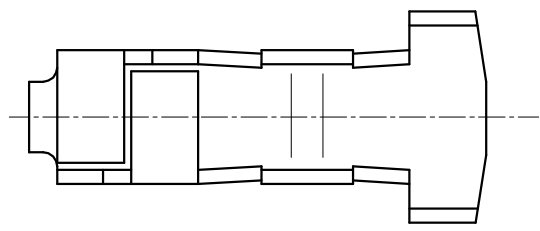
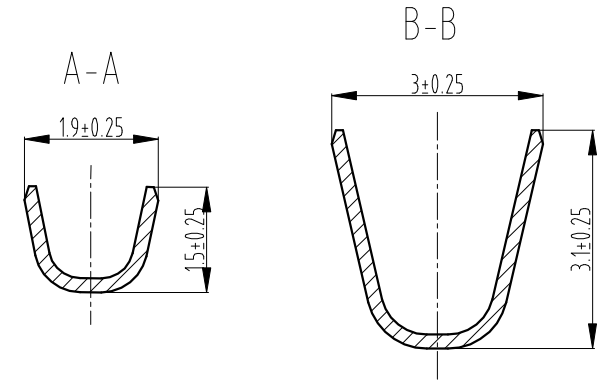
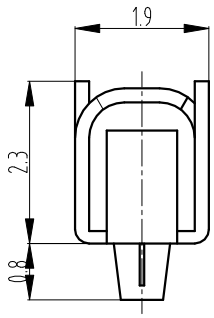
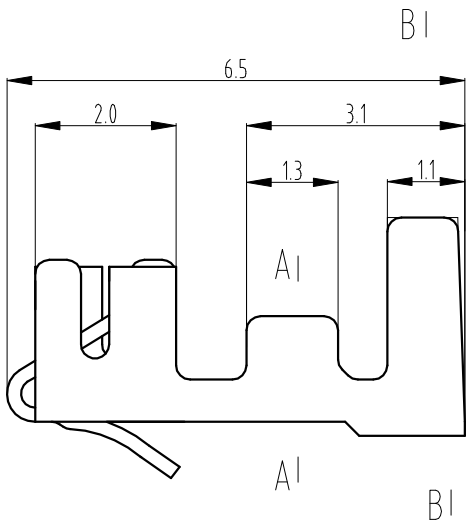
- 1.Material: Phosphor bronze,thickness=0.2mm
- 2.Surface finish: tin plated
- 3.Matched housing: TJC3-nY
- 4.Applicable wires:
  - CH-TJC3: AWG#24 ~ AWG#22
  - CH-TJC3-1: AWG#26
  - CH-TJC3-2: AWG#28
- 5.Compliant to the current RoHS

Part No.	Previous part No.	Dimension			
		A	B	C	D
CH-TJC3-2	TJC3-2	1.2	1.2	1.9	1.9
CH-TJC3-1	TJC3-1	1.75	1.3	2.5	2.1
CH-TJC3	TJC3	1.9	1.5	3	3.1

CUSTOMER DRAWING						Title: 2.5mm pitch WTB contact	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: CH-TJC3-*-*	
Checked	Guoying.Wang 2022.3.25	mm	10:1	A4	B1	Previous part No.: TJC3/TJC3-1/TJC3-2	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Document No.: CP-DWG-01228		Specification No.: PS4115

**CWB**

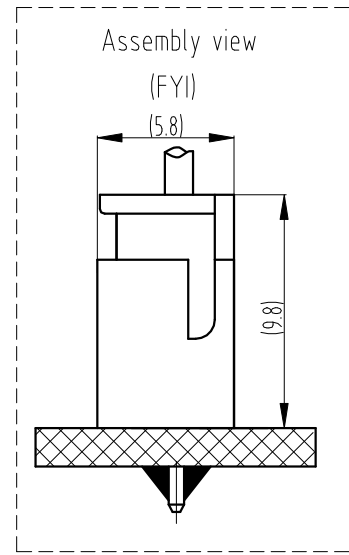
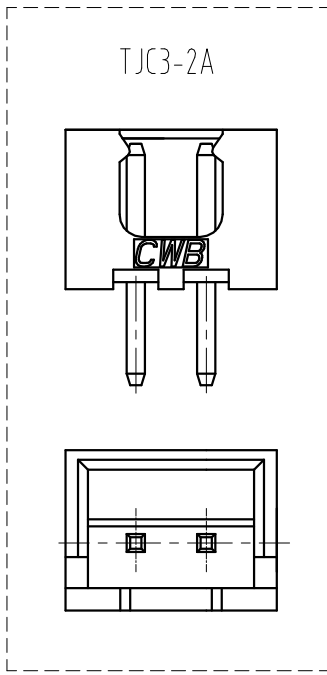
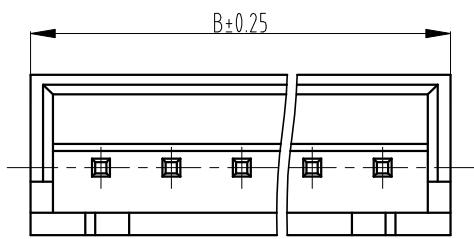
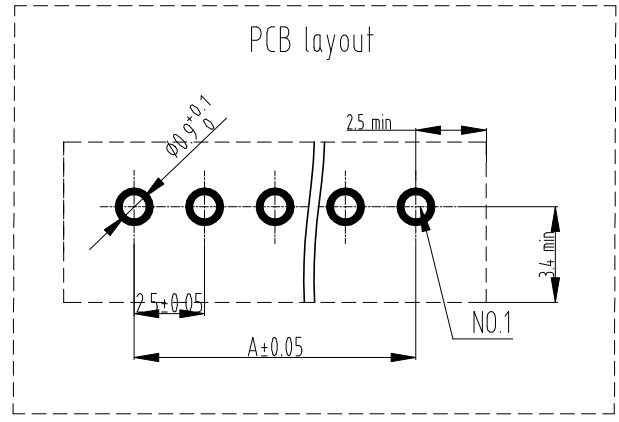
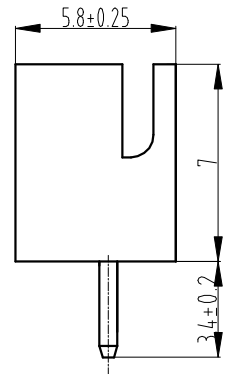
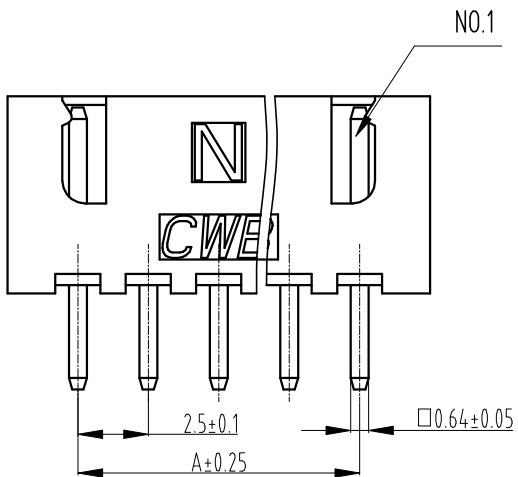
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



- Notes:
- 1.Material: Phosphor bronze, thickness=0.2mm
  - 2.Surface finish: tin plated
  - 3.Matched housing: TJC3-nY
  - 4.Applicable wires: AWG#24 ~ AWG#22
  - 5.Compliant to the current RoHS

CUSTOMER DRAWING						Title:	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	2.5mm pitch WTB contact
Checked	Guoying.Wang	2022.3.25	mm	10:1	A4	B1	Part No.: CH-TJC3B-**
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Previous part No.: TJC3
<b>CWB</b>						Document No.: CP-DWG-01504	
						Specification No.: PS4115	

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



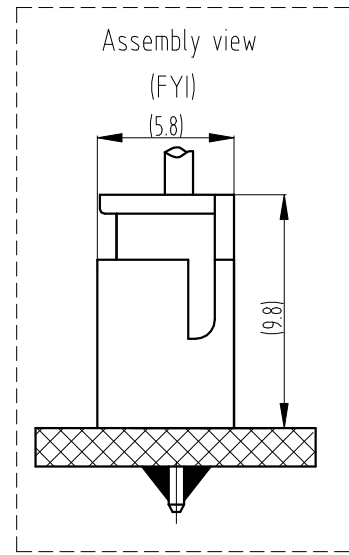
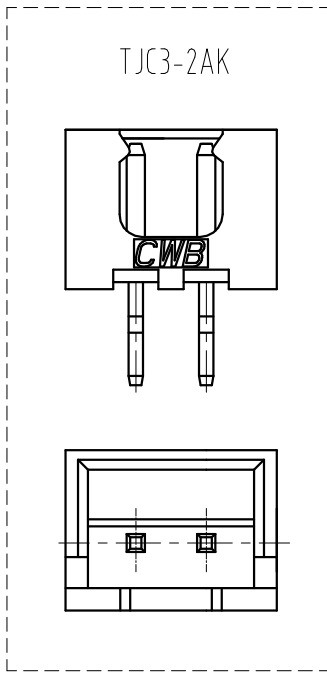
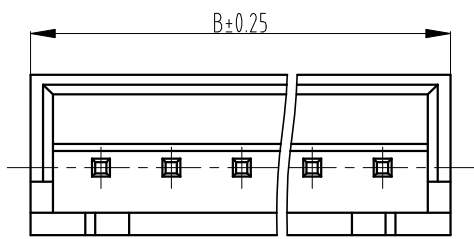
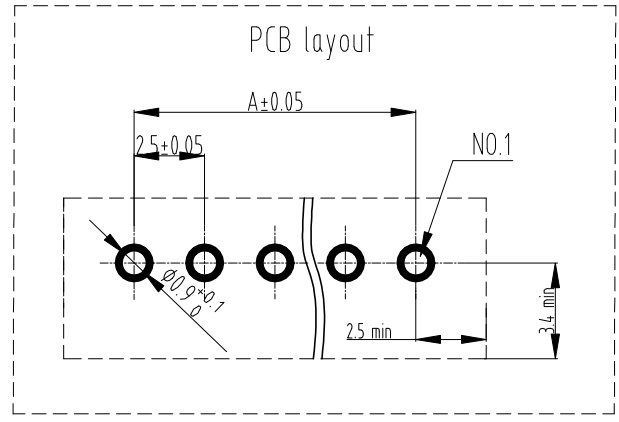
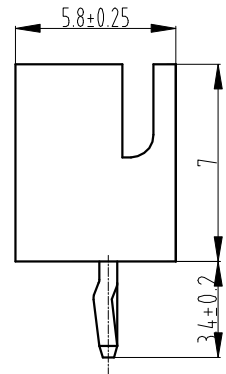
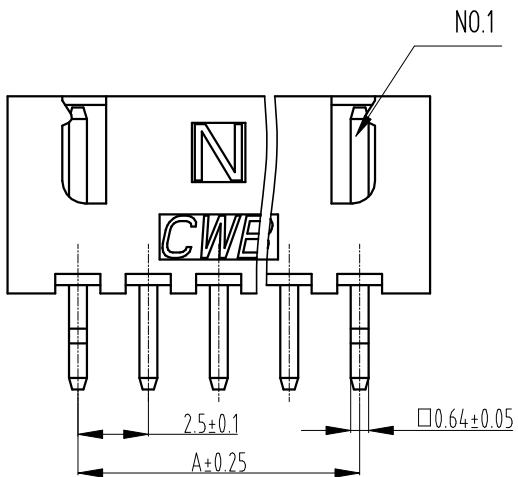
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14	TJC3-14A	TJC3-14A(无小弯)	32.5	37.5
13	TJC3-13A	TJC3-13A(无小弯)	30	35
12	TJC3-12A	TJC3-12A(无小弯)	27.5	32.5
11	TJC3-11A	TJC3-11A(无小弯)	25	30
10	TJC3-10A	TJC3-10A(无小弯)	22.5	27.5
9	TJC3-9A	TJC3-9A(无小弯)	20	25
8	TJC3-8A	TJC3-8A(无小弯)	17.5	22.5
7	TJC3-7A	TJC3-7A(无小弯)	15	20
6	TJC3-6A	TJC3-6A(无小弯)	12.5	17.5
5	TJC3-5A	TJC3-5A(无小弯)	10	15
4	TJC3-4A	TJC3-4A(无小弯)	7.5	12.5
3	TJC3-3A	TJC3-3A(无小弯)	5	10
2	TJC3-2A	TJC3-2A(无小弯)	2.5	7.5
Ckts(In)	Part No.	Previous part No.	Dimensions	
			A	B

Note:

- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title:	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	2.5mm pitch WTB header	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Part No.: TJC3-nA(**-*)	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Previous part No.: TJC3-nA		Document No.: CP-DWG-01512
<b>CWB</b>						Specification No.: PS4115	

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



16	TJC3-16AK	TJC3-16A	37.5	42.5
15	TJC3-15AK	TJC3-15A	35	40
14	TJC3-14AK	TJC3-14A	32.5	37.5
13	TJC3-13AK	TJC3-13A	30	35
12	TJC3-12AK	TJC3-12A	27.5	32.5
11	TJC3-11AK	TJC3-11A	25	30
10	TJC3-10AK	TJC3-10A	22.5	27.5
9	TJC3-9AK	TJC3-9A	20	25
8	TJC3-8AK	TJC3-8A	17.5	22.5
7	TJC3-7AK	TJC3-7A	15	20
6	TJC3-6AK	TJC3-6A	12.5	17.5
5	TJC3-5AK	TJC3-5A	10	15
4	TJC3-4AK	TJC3-4A	7.5	12.5
3	TJC3-3AK	TJC3-3A	5	10
2	TJC3-2AK	TJC3-2A	2.5	7.5
Ckts(n)	Part No.	Previous part No.	Dimensions	
			A	B

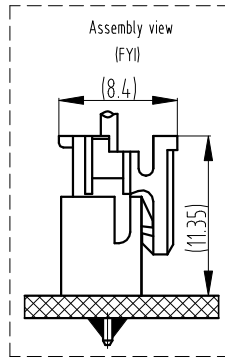
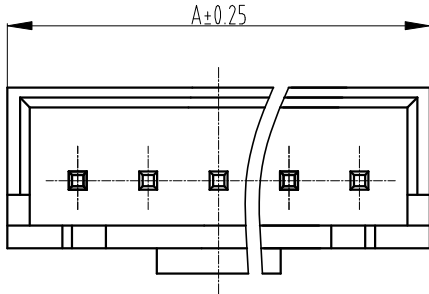
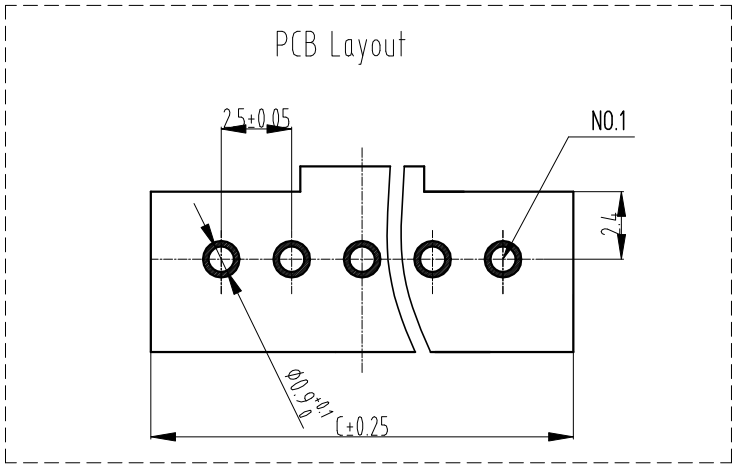
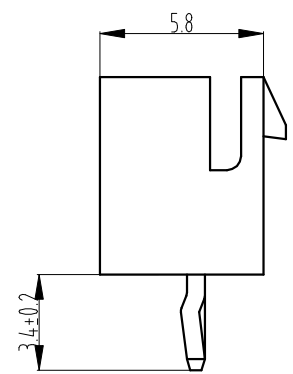
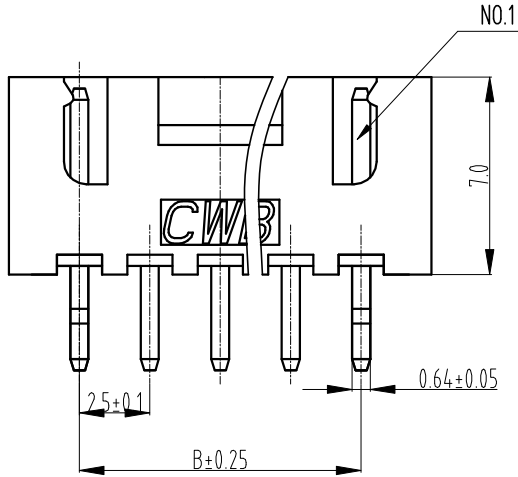
Note:

- Material:  
Wafer: PA66 UL94V-2, PA66 UL94V-0, PA66+GF, UL94V-0,  
PA66 UL94V-0 GWT 750°C  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAK(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nA	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01213	
<b>CWB</b>						Specification No.: PS4115	



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



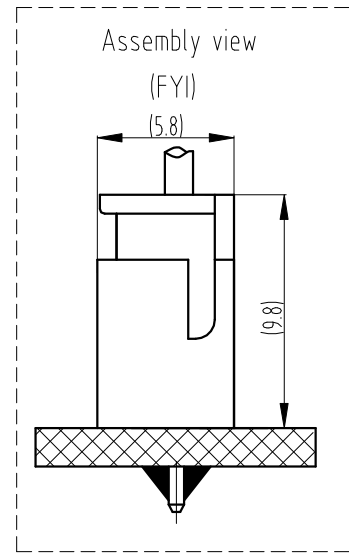
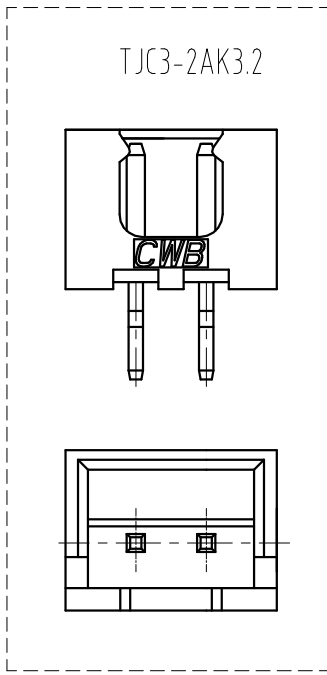
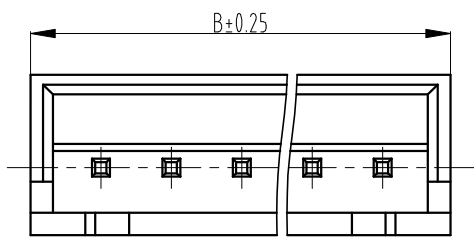
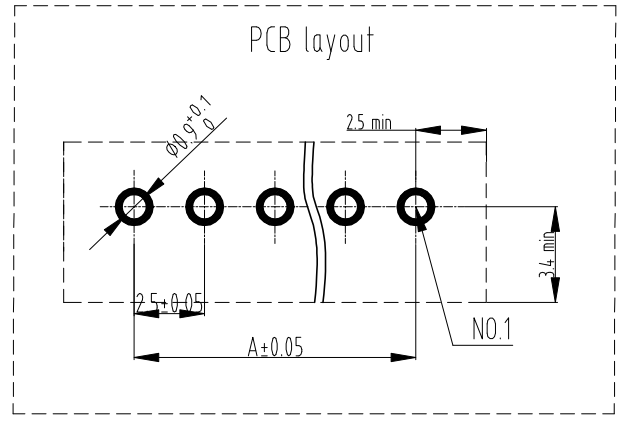
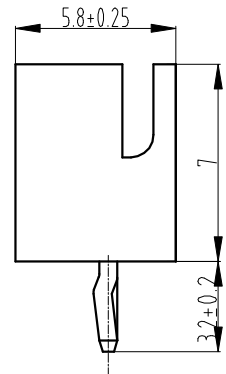
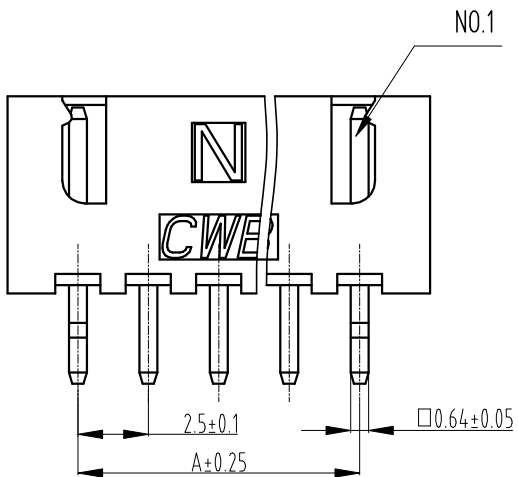
- Notes:
- Material:  
Wafer: PA66 UL94V-0  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: Packing bag
  - Compliant to the current RoHS

5	TJC3-5AK-1	TJC3-5AS	15.0	10.0
4	TJC3-4AK-1	TJC3-4AS	12.5	7.5
3	TJC3-3AK-1	TJC3-3AS	10.0	5.0
Ckts(n)	Part No.	Previous part No.	Dimensions A B	

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAK-1(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAS	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Document No.: CP-DWG-01217		Specification No.: PS4115

**CWB**

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

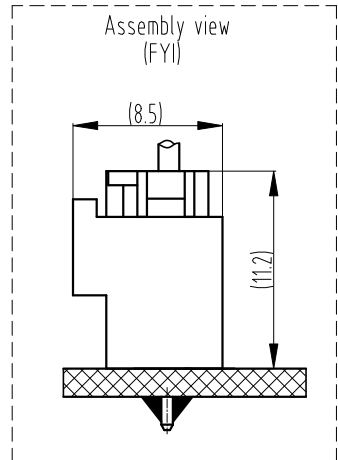
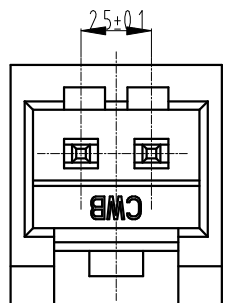
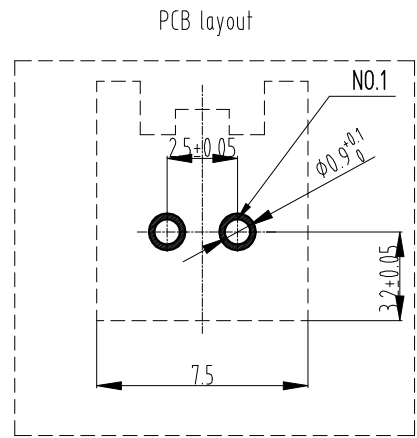
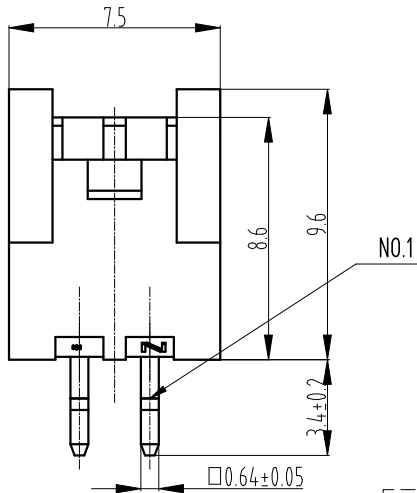
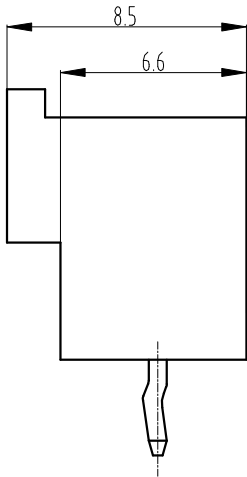


Ckts(n)	Part No.	Previous part No.	Dimensions	
			A	B
16	TJC3-16AK3.2	TJC3-16A-3.2	37.5	42.5
15	TJC3-15AK3.2	TJC3-15A-3.2	35	40
14	TJC3-14AK3.2	TJC3-14A-3.2	32.5	37.5
13	TJC3-13AK3.2	TJC3-13A-3.2	30	35
12	TJC3-12AK3.2	TJC3-12A-3.2	27.5	32.5
11	TJC3-11AK3.2	TJC3-11A-3.2	25	30
10	TJC3-10AK3.2	TJC3-10A-3.2	22.5	27.5
9	TJC3-9AK3.2	TJC3-9A-3.2	20	25
8	TJC3-8AK3.2	TJC3-8A-3.2	17.5	22.5
7	TJC3-7AK3.2	TJC3-7A-3.2	15	20
6	TJC3-6AK3.2	TJC3-6A-3.2	12.5	17.5
5	TJC3-5AK3.2	TJC3-5A-3.2	10	15
4	TJC3-4AK3.2	TJC3-4A-3.2	7.5	12.5
3	TJC3-3AK3.2	TJC3-3A-3.2	5	10
2	TJC3-2AK3.2	TJC3-2A-3.2	2.5	7.5

- Note:
- Material:  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: packing bag
  - Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAK3.2(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nA-3.2	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01505	
<b>CWB</b>						Specification No.: PS4115	

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

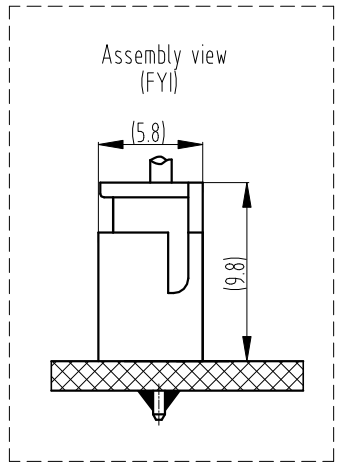
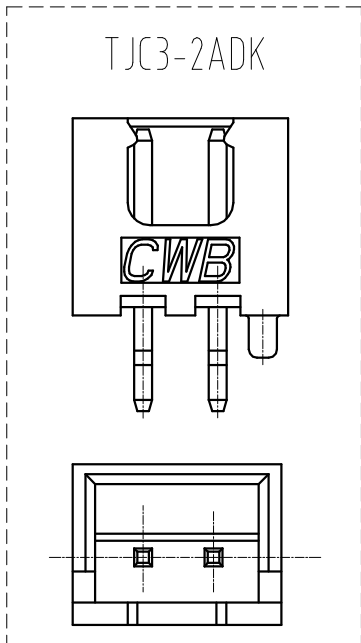
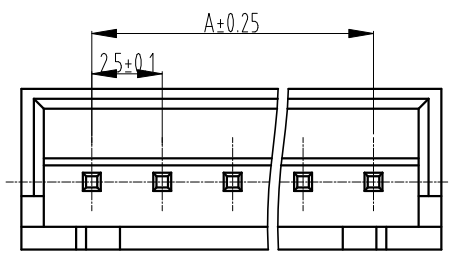
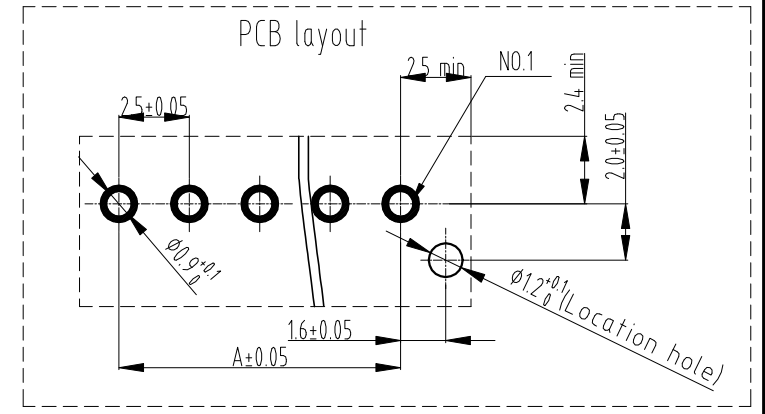
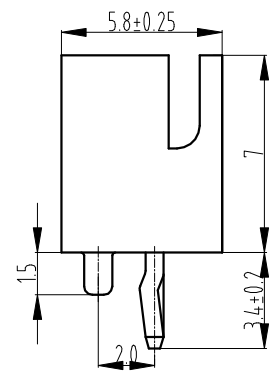
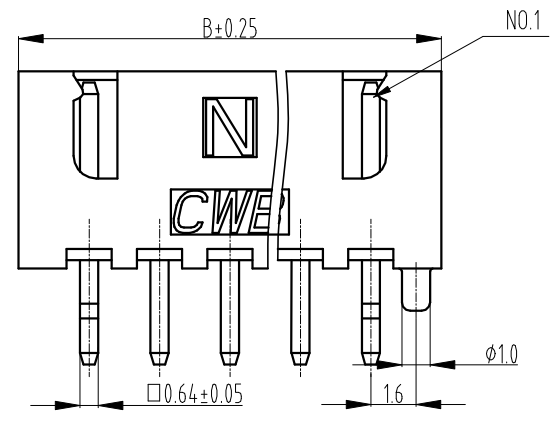


Note:

- 1.Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
- 2.Matched housing: TJC3-2Y
- 3.Packaging: packing bag
- 4.Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3B-2AK(**-*)
Checked	Guoying.Wang	2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-2ADS
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01520
<b>CWB</b>						Specification No.: PS4115	

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



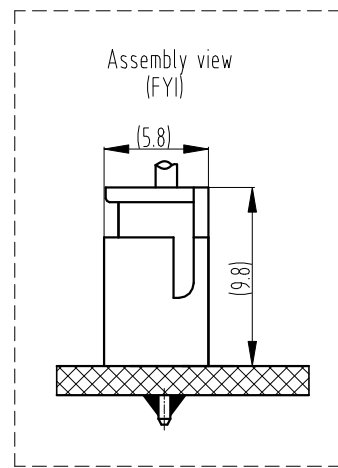
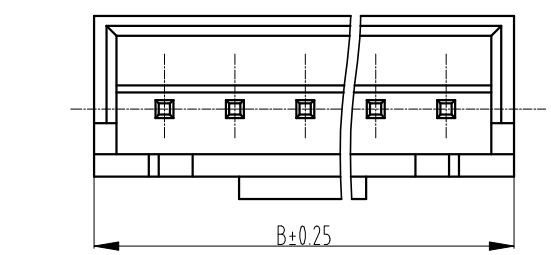
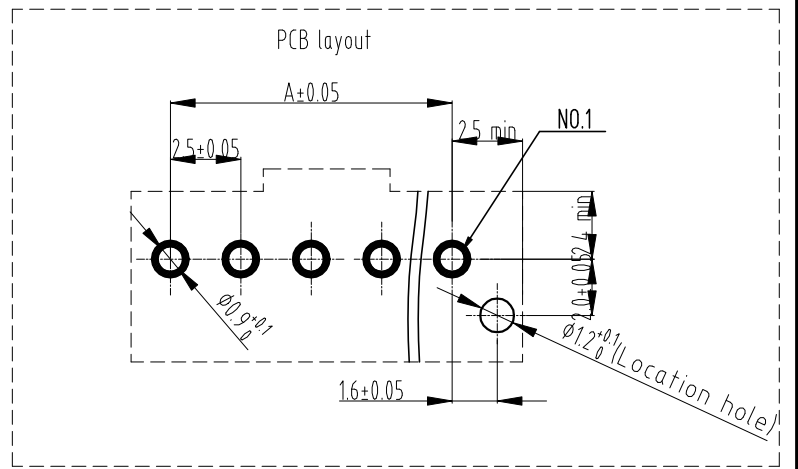
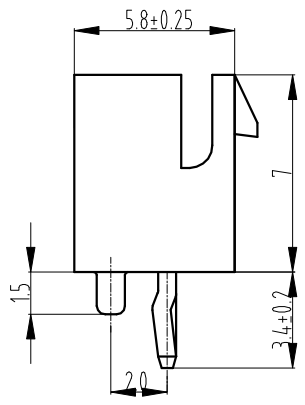
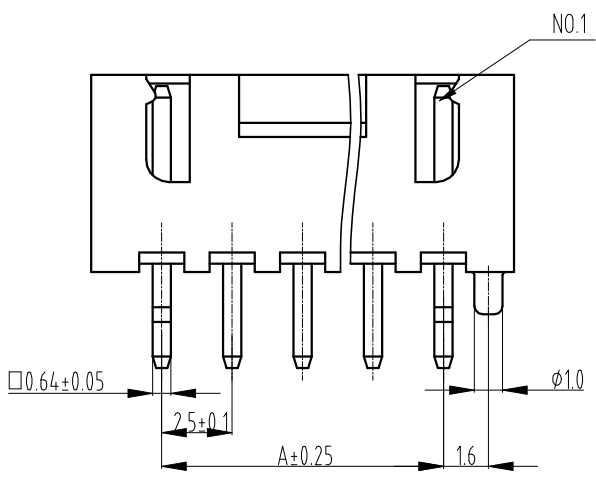
Note:

- 1.Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
- 2.Matched housing: TJC3-nY
- 3.Packaging: packing bag
- 4.Compliant to the current RoHS

8	TJC3-8ADK	TJC3-8AD	17.5	22.5
7	TJC3-7ADK	TJC3-7AD	15	20
6	TJC3-6ADK	TJC3-6AD	12.5	17.5
5	TJC3-5ADK	TJC3-5AD	10	15
4	TJC3-4ADK	TJC3-4AD	7.5	12.5
3	TJC3-3ADK	TJC3-3AD	5	10
2	TJC3-2ADK	TJC3-2AD	2.5	7.5
Ckts(n)	Part No.	Previous part No.	Dimensions	
			A	B

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nADK(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAD	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01215	
						Specification No.: PS4115	

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

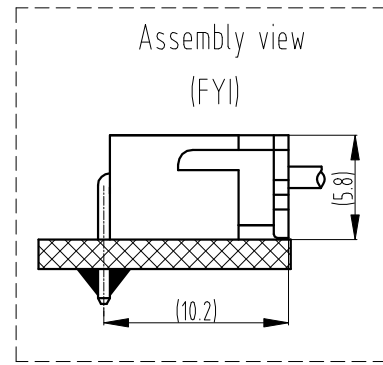
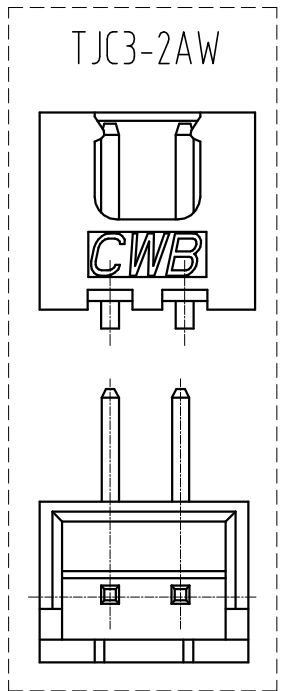
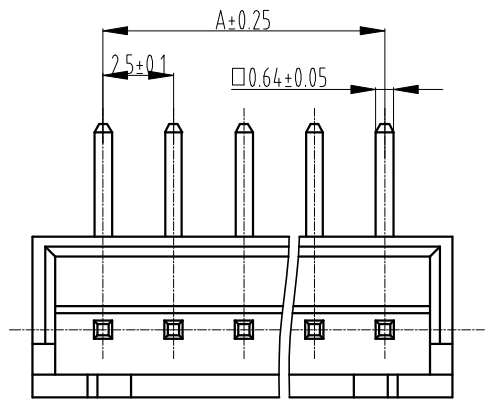
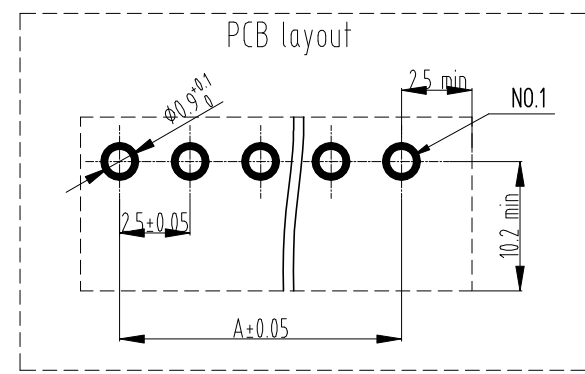
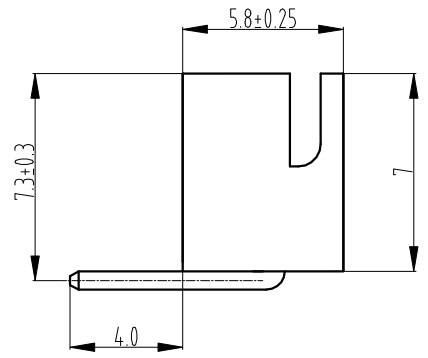
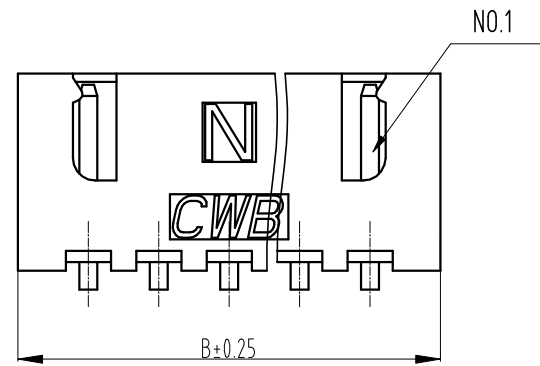


- Note:
- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: packing bag
  - Compliant to the current RoHS

6	TJC3-6ADK-1	TJC3-6ADS	12.5	17.5
5	TJC3-5ADK-1	TJC3-5ADS	10	15
3	TJC3-3ADK-1	TJC3-3ADS	5	10
Ckts(n)	Part No.	Previous part No.	Dimensions A B	

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nADK-1(*-*-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nADS	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01218	
<b>CWB</b>						Specification No.: PS4115	

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



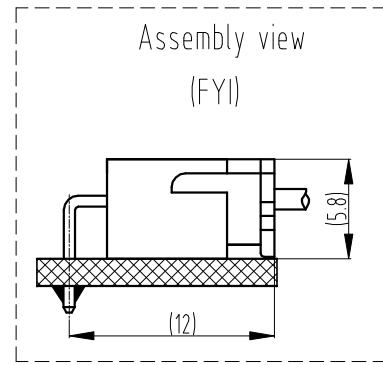
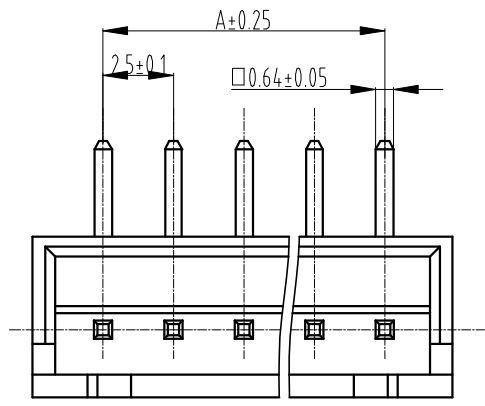
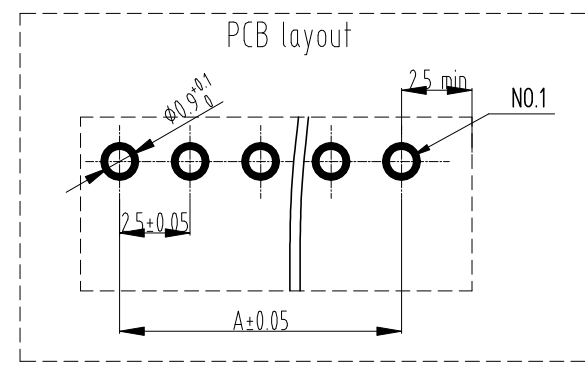
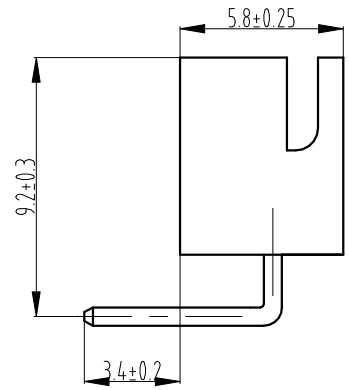
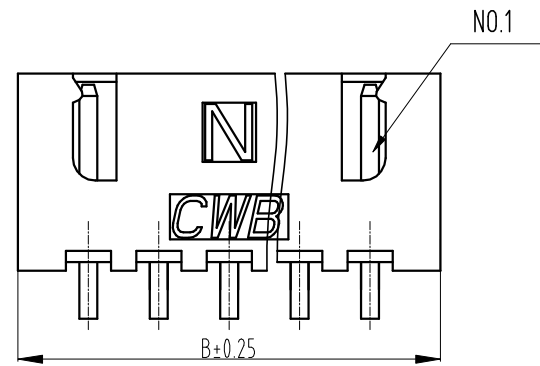
16	TJC3-16AW	37.5	42.5
15	TJC3-15AW	35	40
14	TJC3-14AW	32.5	37.5
13	TJC3-13AW	30	35
12	TJC3-12AW	27.5	32.5
11	TJC3-11AW	25	30
10	TJC3-10AW	22.5	27.5
9	TJC3-9AW	20	25
8	TJC3-8AW	17.5	22.5
7	TJC3-7AW	15	20
6	TJC3-6AW	12.5	17.5
5	TJC3-5AW	10	15
4	TJC3-4AW	7.5	12.5
3	TJC3-3AW	5	10
2	TJC3-2AW	2.5	7.5
Ckts	Part No.	A	B
		Dimensions	

Note:

- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0,  
PA66 UL94V-0 GWT 750°C  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAW*(**-**)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: /	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01219	
<b>CWB</b>						Specification No.: PS4115	

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



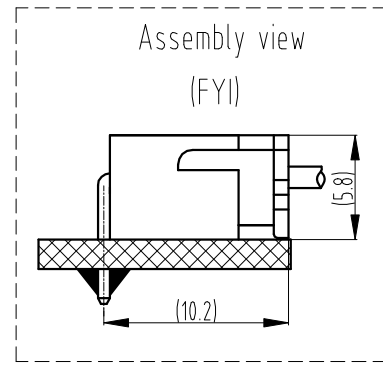
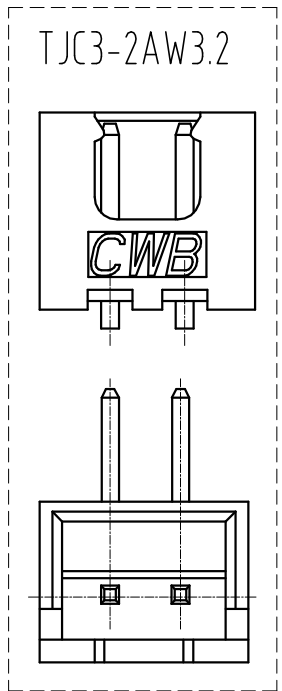
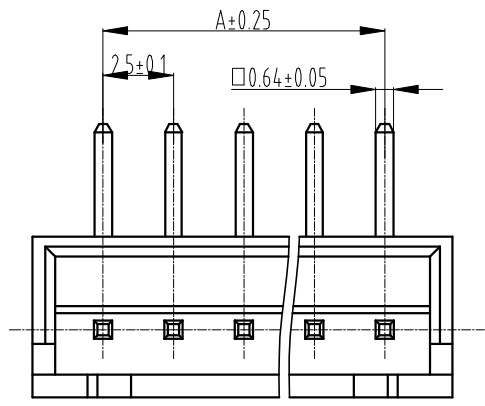
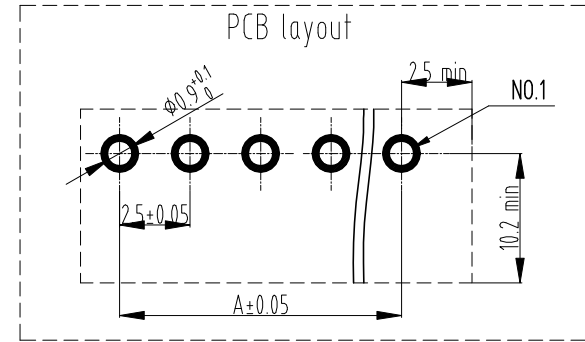
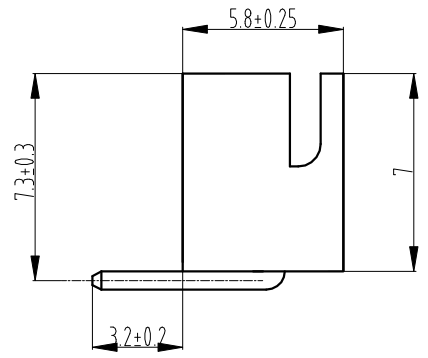
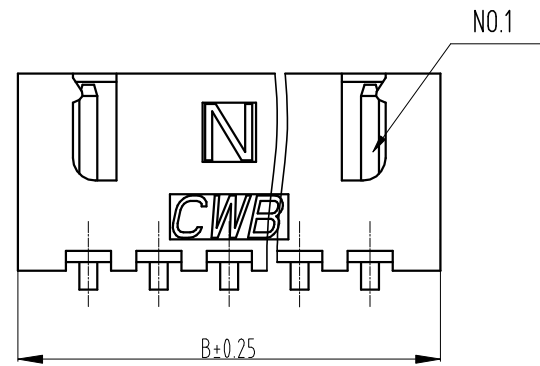
Notes:

- Material:  
Wafer: PA66 UL94V-2  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: Packing bag
- Compliant to the current RoHS

7	TJC3-7AW-1	TJC3-7AW(高平衡)	15.0	20.0
6	TJC3-6AW-1	TJC3-6AW(高平衡)	12.5	17.5
5	TJC3-5AW-1	TJC3-5AW(高平衡)	10.0	15.0
3	TJC3-3AW-1	TJC3-3AW(高平衡)	5.0	10.0
Ckts	Part No.	Part No.	Dimensions	
			A	B

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAW-1(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAW(高平衡)	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01510	
						Specification No.: PS4115	

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



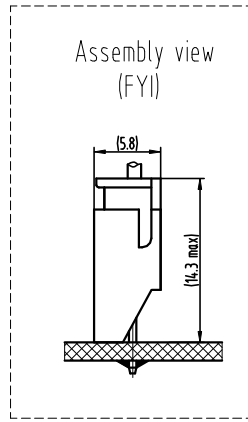
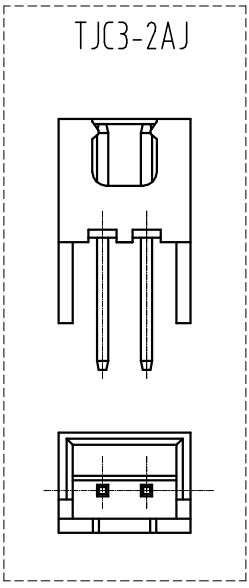
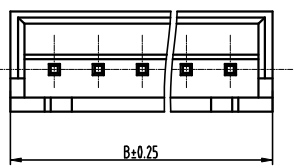
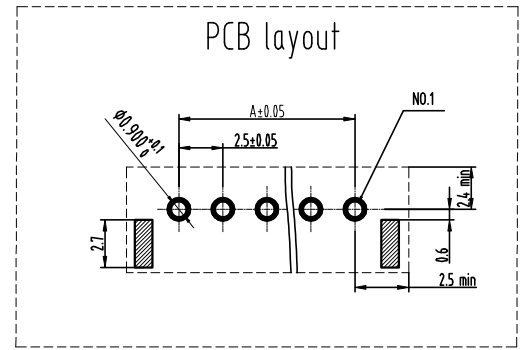
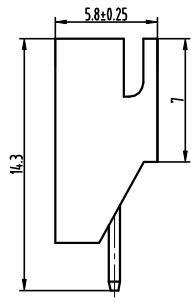
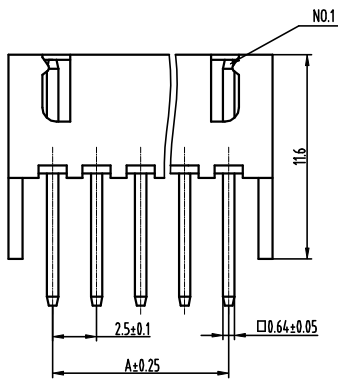
16	TJC3-16AW3.2	TJC3-16AW-3.2	37.5	42.5
15	TJC3-15AW3.2	TJC3-15AW-3.2	35	40
14	TJC3-14AW3.2	TJC3-14AW-3.2	32.5	37.5
13	TJC3-13AW3.2	TJC3-13AW-3.2	30	35
12	TJC3-12AW3.2	TJC3-12AW-3.2	27.5	32.5
11	TJC3-11AW3.2	TJC3-11AW-3.2	25	30
10	TJC3-10AW3.2	TJC3-10AW-3.2	22.5	27.5
9	TJC3-9AW3.2	TJC3-9AW-3.2	20	25
8	TJC3-8AW3.2	TJC3-8AW-3.2	17.5	22.5
7	TJC3-7AW3.2	TJC3-7AW-3.2	15	20
6	TJC3-6AW3.2	TJC3-6AW-3.2	12.5	17.5
5	TJC3-5AW3.2	TJC3-5AW-3.2	10	15
4	TJC3-4AW3.2	TJC3-4AW-3.2	7.5	12.5
3	TJC3-3AW3.2	TJC3-3AW-3.2	5	10
2	TJC3-2AW3.2	TJC3-2AW-3.2	2.5	7.5
Ckts	Part No.	Previous part No.	A	B
			Dimensions	

- Notes:
- Material:  
Wafer: PA66 UL94V-0  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: Packing bag
  - Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAW3.2(*x-*x)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAW-3.2	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01506	
						Specification No.: PS4115	



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

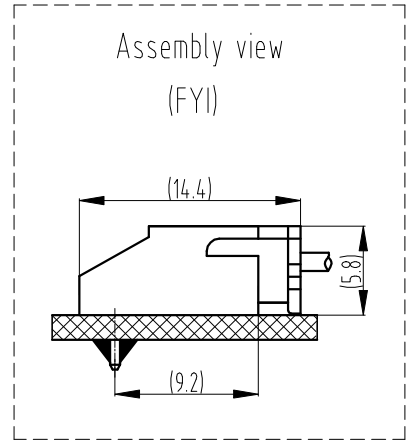
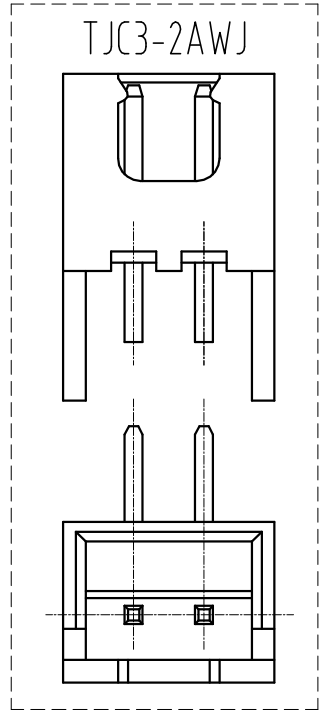
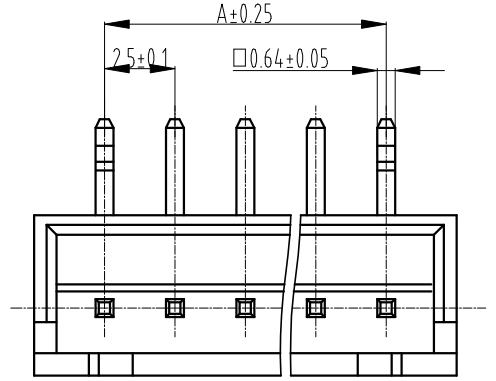
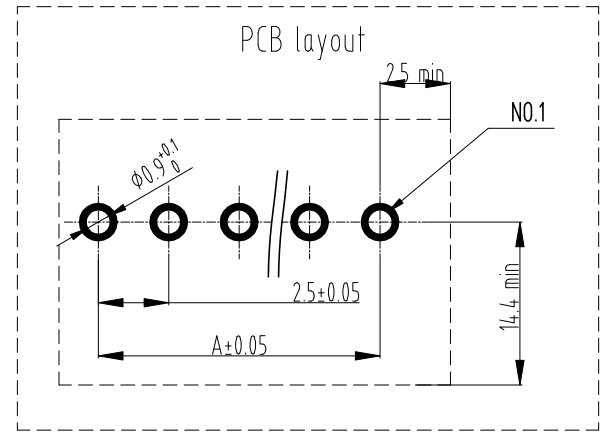
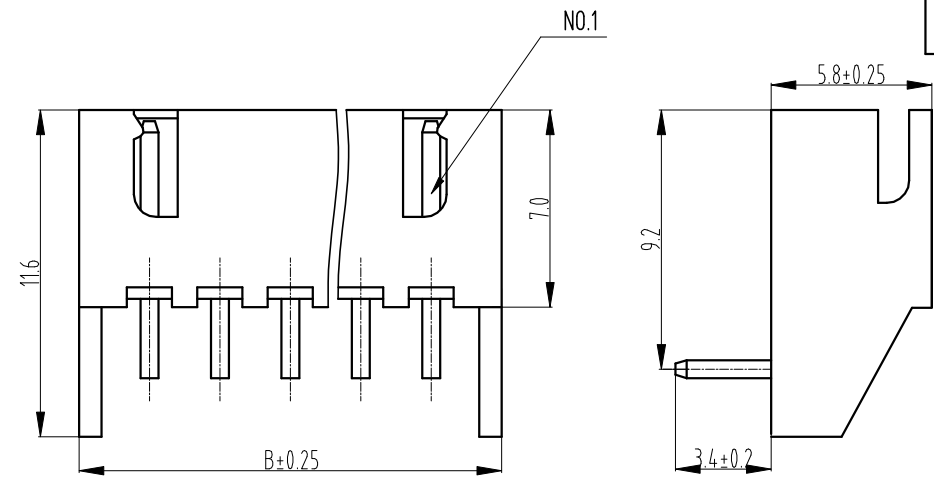


- Notes:
- Material:  
Wafer: PA66 UL94V-2  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: Packing bag
  - Compliant to the current RoHS

16	TJC3-16AJ	37.5	42.5
15	TJC3-15AJ	35	4.0
14	TJC3-14AJ	32.5	37.5
13	TJC3-13AJ	30	35
12	TJC3-12AJ	27.5	32.5
11	TJC3-11AJ	25	30
10	TJC3-10AJ	22.5	27.5
9	TJC3-9AJ	20	25
8	TJC3-8AJ	17.5	22.5
7	TJC3-7AJ	15	20
6	TJC3-6AJ	12.5	17.5
5	TJC3-5AJ	10	15
4	TJC3-4AJ	7.5	12.5
3	TJC3-3AJ	5	10
2	TJC3-2AJ	2.5	7.5
Ckts(n)	Part No.	A	B
		Dimensions	

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAJ (**-*)
Checked	Guoying.Wang	2022.3.25	mm	2.5:1	A4	B1	Previous part No.: /
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01214
							Specification No.: PS4115

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



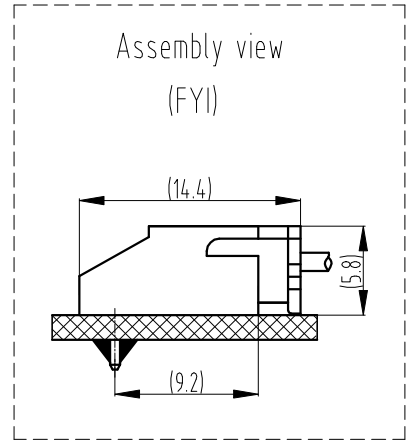
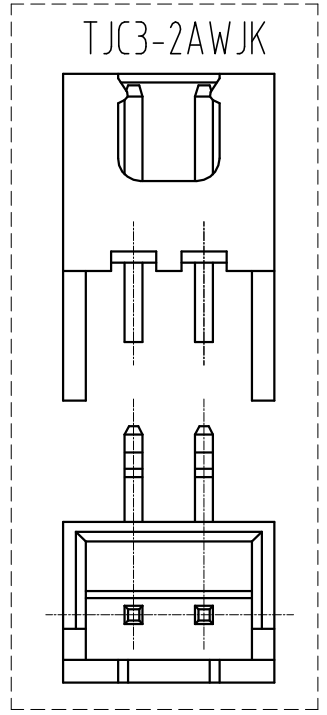
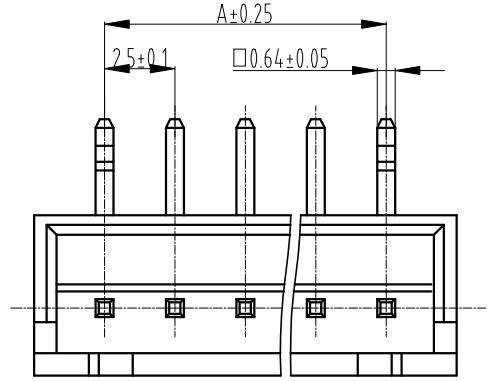
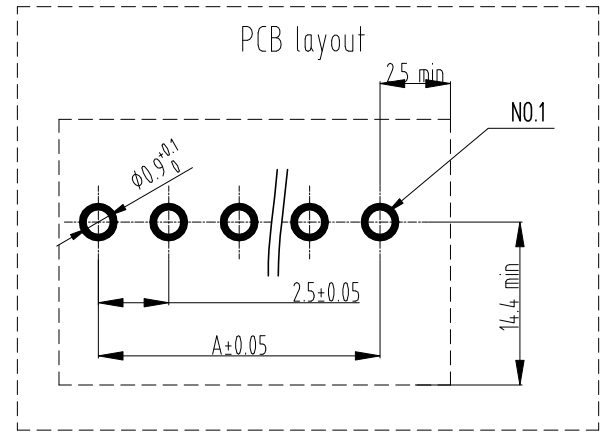
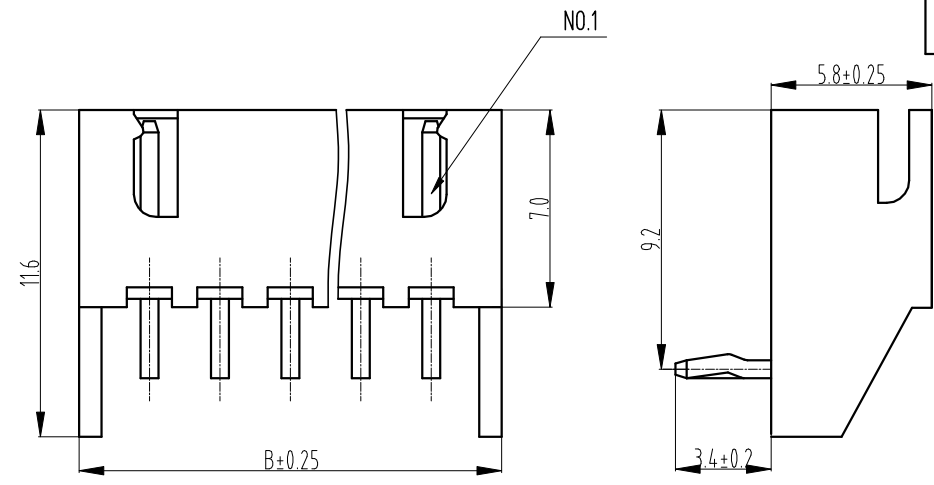
16	TJC3-16AWJ	TJC3-16AWJ(无小等)	37.5	42.5
15	TJC3-15AWJ	TJC3-15AWJ(无小等)	35	40
14	TJC3-14AWJ	TJC3-14AWJ(无小等)	32.5	37.5
13	TJC3-13AWJ	TJC3-13AWJ(无小等)	30	35
12	TJC3-12AWJ	TJC3-12AWJ(无小等)	27.5	32.5
11	TJC3-11AWJ	TJC3-11AWJ(无小等)	25	30
10	TJC3-10AWJ	TJC3-10AWJ(无小等)	22.5	27.5
9	TJC3-9AWJ	TJC3-9AWJ(无小等)	20	25
8	TJC3-8AWJ	TJC3-8AWJ(无小等)	17.5	22.5
7	TJC3-7AWJ	TJC3-7AWJ(无小等)	15	20
6	TJC3-6AWJ	TJC3-6AWJ(无小等)	12.5	17.5
5	TJC3-5AWJ	TJC3-5AWJ(无小等)	10	15
4	TJC3-4AWJ	TJC3-4AWJ(无小等)	7.5	12.5
3	TJC3-3AWJ	TJC3-3AWJ(无小等)	5	10
2	TJC3-2AWJ	TJC3-2AWJ(无小等)	2.5	7.5
Ckts	Part No.	Previous part No	Dimensions	
			A	B

Note:

- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAWJ(***-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAWJ(无小等)	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01509	
<b>CWB</b>						Specification No.: PS4115	

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



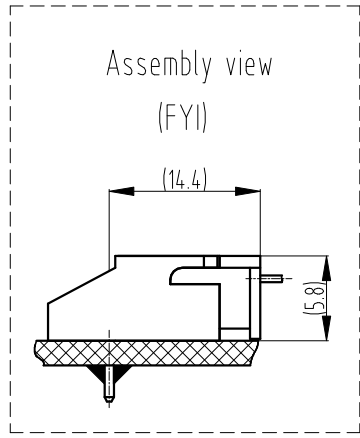
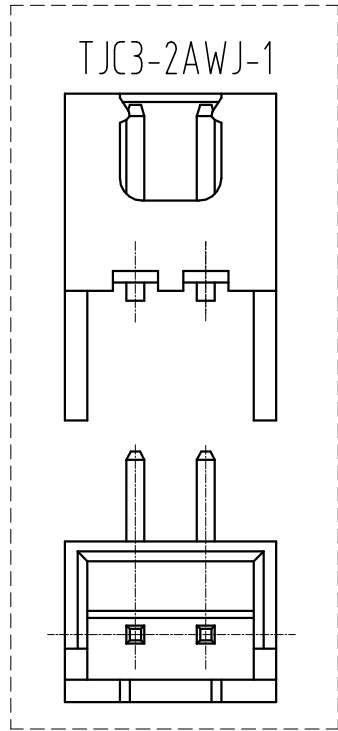
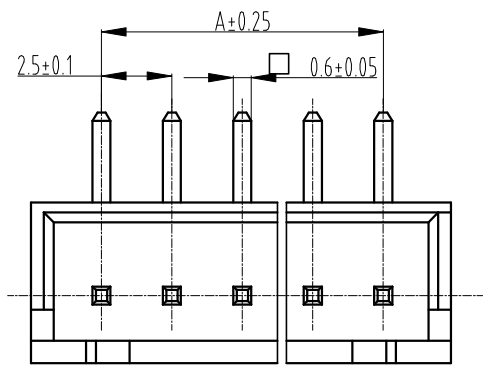
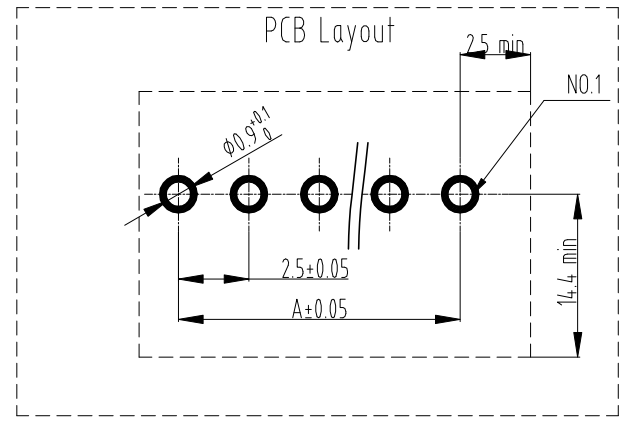
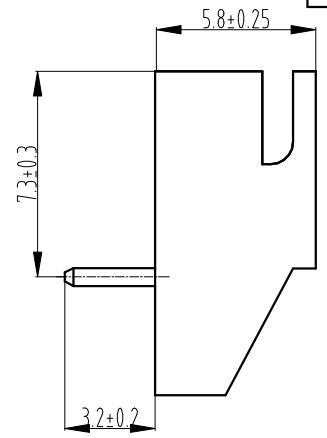
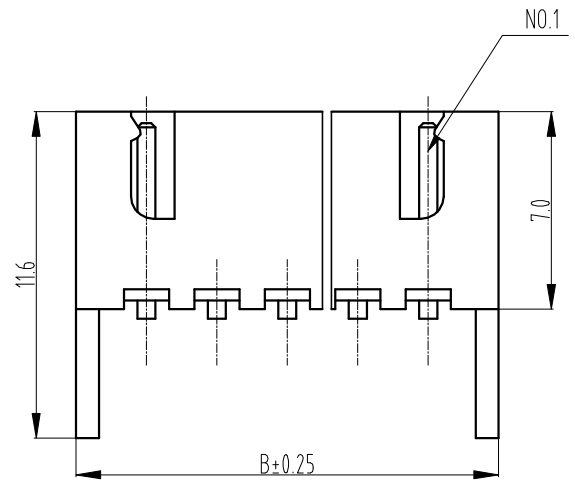
16	TJC3-16AWJK	TJC3-16AWJ	37.5	42.5
15	TJC3-15AWJK	TJC3-15AWJ	35	40
14	TJC3-14AWJK	TJC3-14AWJ	32.5	37.5
13	TJC3-13AWJK	TJC3-13AWJ	30	35
12	TJC3-12AWJK	TJC3-12AWJ	27.5	32.5
11	TJC3-11AWJK	TJC3-11AWJ	25	30
10	TJC3-10AWJK	TJC3-10AWJ	22.5	27.5
9	TJC3-9AWJK	TJC3-9AWJ	20	25
8	TJC3-8AWJK	TJC3-8AWJ	17.5	22.5
7	TJC3-7AWJK	TJC3-7AWJ	15	20
6	TJC3-6AWJK	TJC3-6AWJ	12.5	17.5
5	TJC3-5AWJK	TJC3-5AWJ	10	15
4	TJC3-4AWJK	TJC3-4AWJ	7.5	12.5
3	TJC3-3AWJK	TJC3-3AWJ	5	10
2	TJC3-2AWJK	TJC3-2AWJ	2.5	7.5
Ckts	Part No.	Previous part No.	Dimensions	
			A	B

Note:

- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0, PA66+GF UL94V-0,  
PA66 UL94V-0 GWT 750°C  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title:	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	2.5mm pitch WTB header	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Part No.: TJC3-nAWJK *(**-*)	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Previous part No.: TJC3-nAWJ	
<b>CWB</b>						Document No.: CP-DWG-01220	
						Specification No.: PS4115	

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

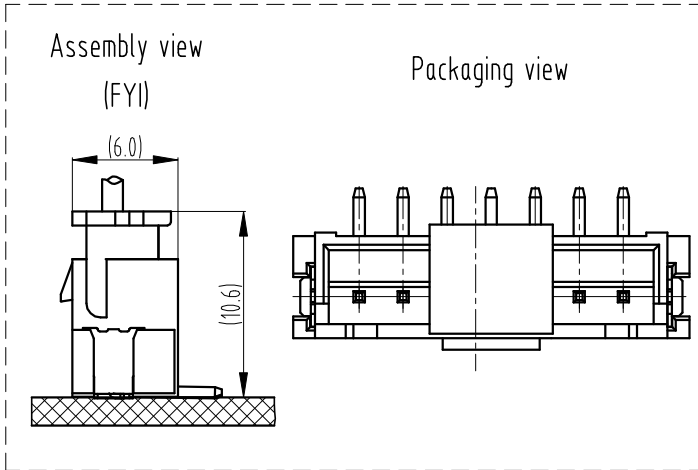
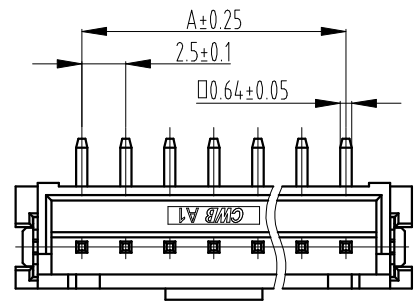
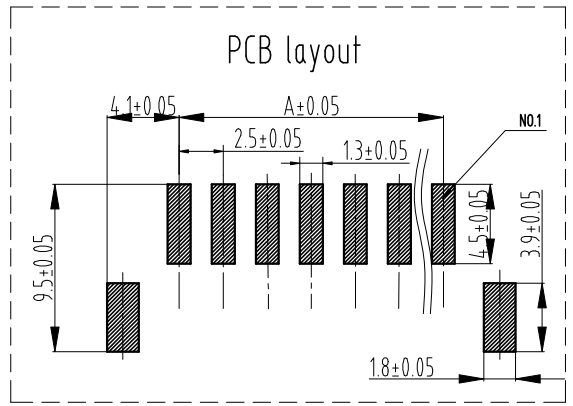
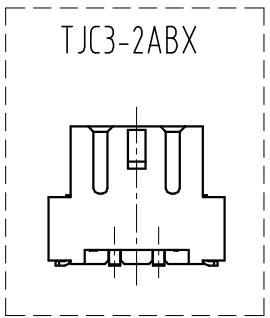
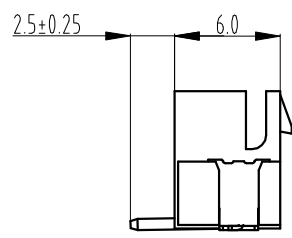
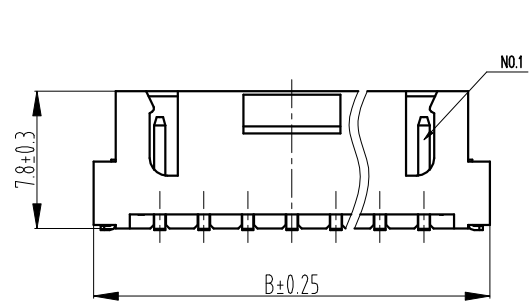


16	TJC3-16AWJ3.2	TJC3-16AWJ-3.2(平衡)	37.5	42.5
15	TJC3-15AWJ3.2	TJC3-15AWJ-3.2(平衡)	35	40
14	TJC3-14AWJ3.2	TJC3-14AWJ-3.2(平衡)	32.5	37.5
13	TJC3-13AWJ3.2	TJC3-13AWJ-3.2(平衡)	30	35
12	TJC3-12AWJ3.2	TJC3-12AWJ-3.2(平衡)	27.5	32.5
11	TJC3-11AWJ3.2	TJC3-11AWJ-3.2(平衡)	25	30
10	TJC3-10AWJ3.2	TJC3-10AWJ-3.2(平衡)	22.5	27.5
9	TJC3-9AWJ3.2	TJC3-9AWJ-3.2(平衡)	20	25
8	TJC3-8AWJ3.2	TJC3-8AWJ-3.2(平衡)	17.5	22.5
7	TJC3-7AWJ3.2	TJC3-7AWJ-3.2(平衡)	15	20
6	TJC3-6AWJ3.2	TJC3-6AWJ-3.2(平衡)	12.5	17.5
5	TJC3-5AWJ3.2	TJC3-5AWJ-3.2(平衡)	10	15
4	TJC3-4AWJ3.2	TJC3-4AWJ-3.2(平衡)	7.5	12.5
3	TJC3-3AWJ3.2	TJC3-3AWJ-3.2(平衡)	5	10
2	TJC3-2AWJ3.2	TJC3-2AWJ-3.2(平衡)	2.5	7.5
Ckts	Part No.	Previous part No.	Dimensions	
			A	B

- Note:
- Material  
Wafer: PA66 UL94V-2, PA66 UL94V-0  
Post: Brass, tin plated
  - Matched housing: TJC3-nY
  - Packaging: packing bag
  - Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAWJ3.2 (**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC3-nAWJ-3.2(平衡)	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01508	
<b>CWB</b>						Specification No.: PS4115	

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



16	TJC3-16ABX	TJC25061-16AB	37.5	45
15	TJC3-15ABX	TJC25061-15AB	35	42.5
14	TJC3-14ABX	TJC25061-14AB	32.5	40
13	TJC3-13ABX	TJC25061-13AB	30	37.5
12	TJC3-12ABX	TJC25061-12AB	27.5	35
11	TJC3-11ABX	TJC25061-11AB	25	32.5
10	TJC3-10ABX	TJC25061-10AB	22.5	30
9	TJC3-9ABX	TJC25061-9AB	20	27.5
8	TJC3-8ABX	TJC25061-8AB	17.5	25
7	TJC3-7ABX	TJC25061-7AB	15	22.5
6	TJC3-6ABX	TJC25061-6AB	12.5	20
5	TJC3-5ABX	TJC25061-5AB	10	17.5
4	TJC3-4ABX	TJC25061-4AB	7.5	15
3	TJC3-3ABX	TJC25061-3AB	5	12.5
2	TJC3-2ABX	TJC25061-2AB	2.5	10
Ckts(n)	Part No.	Previous part No.	Dimensions	
			A	B

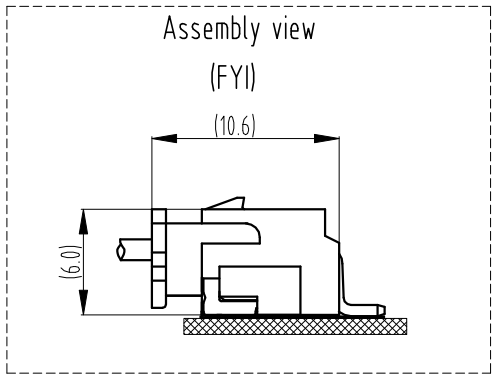
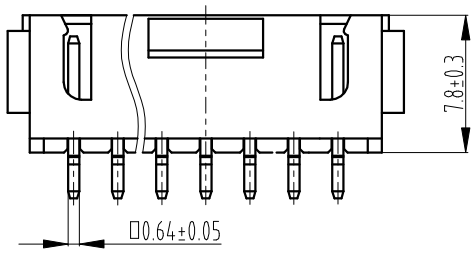
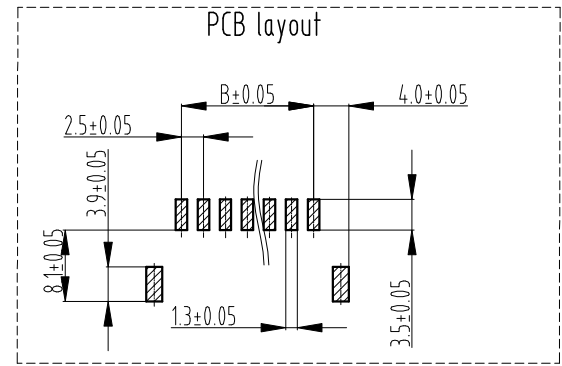
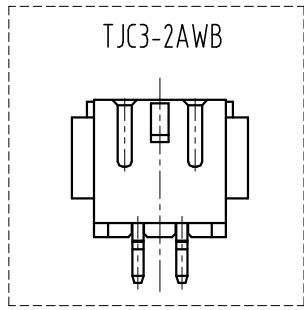
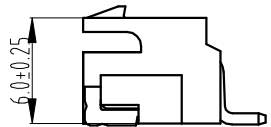
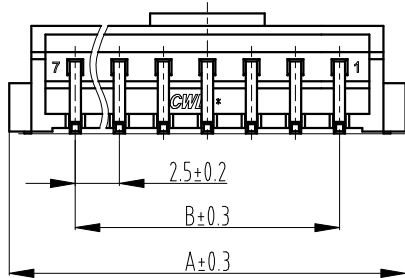
Notes:

- Material:  
Wafer: PA9T+GF UL94V-0  
Post: Brass, tin plated
- Matched housing: TJC3-2ABX:TJC25020-2Y  
TJC3-(3~16)ABX:TJC3-nY\TJC25030-nY\TJC25020-nY
- Packaging: Carrier tape
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nABX(**-*)	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC25061-nAB	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Document No.: CP-DWG-01360		Specification No.: PS4115

**CWB**

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

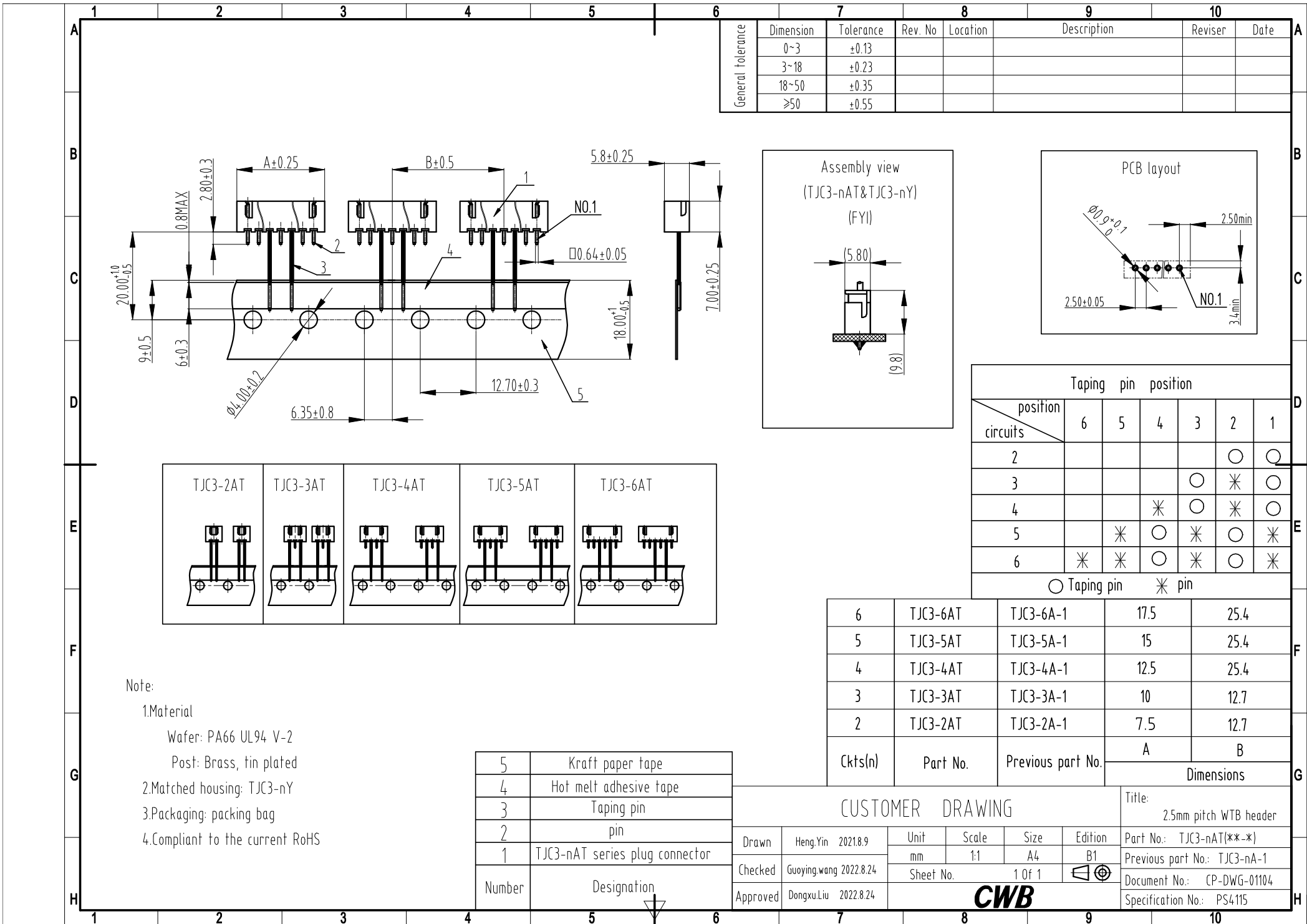


16	TJC3-16AWB	TJC25061-16AWB	45	37.5
15	TJC3-15AWB	TJC25061-15AWB	42.5	35
14	TJC3-14AWB	TJC25061-14AWB	40	32.5
13	TJC3-13AWB	TJC25061-13AWB	37.5	30
12	TJC3-12AWB	TJC25061-12AWB	35	27.5
11	TJC3-11AWB	TJC25061-11AWB	32.5	25
10	TJC3-10AWB	TJC25061-10AWB	30	22.5
9	TJC3-9AWB	TJC25061-9AWB	27.5	20
8	TJC3-8AWB	TJC25061-8AWB	25	17.5
7	TJC3-7AWB	TJC25061-7AWB	22.5	15
6	TJC3-6AWB	TJC25061-6AWB	20	12.5
5	TJC3-5AWB	TJC25061-5AWB	17.5	10
4	TJC3-4AWB	TJC25061-4AWB	15	7.5
3	TJC3-3AWB	TJC25061-3AWB	12.5	5
2	TJC3-2AWB	TJC25061-2AWB	10	2.5
Ckts	Part No.	Previous part No.	A	B
			Dimensions	

Notes:

- Material:  
Wafer: PA9T+GF UL94V-0  
Post: Brass, tin plated
- Matched housing: TJC3-2ABX:TJC25020-2Y  
TJC3-(3~16)ABX:TJC3-nY\TJC25030-nY\TJC25020-nY
- Packaging: Carrier tape
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB header	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAWB(**-*)
Checked	Guoying.Wang	2022.3.25	mm	4:1	A4	B1	Previous part No.: TJC25061-nAWB
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: CP-DWG-01361
							Specification No.: PS4115



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

Taping pin position						
position	6	5	4	3	2	1
circuits						
2					○	○
3				○	*	○
4			*	○	*	○
5		*	○	*	○	*
6	*	*	○	*	○	*

○ Taping pin    \* pin

6	TJC3-6AT	TJC3-6A-1	17.5	25.4
5	TJC3-5AT	TJC3-5A-1	15	25.4
4	TJC3-4AT	TJC3-4A-1	12.5	25.4
3	TJC3-3AT	TJC3-3A-1	10	12.7
2	TJC3-2AT	TJC3-2A-1	7.5	12.7
Ckts(n)	Part No.	Previous part No.	A	B
			Dimensions	

Note:

- Material  
Wafer: PA66 UL94 V-2  
Post: Brass, tin plated
- Matched housing: TJC3-nY
- Packaging: packing bag
- Compliant to the current RoHS

5	Kraft paper tape
4	Hot melt adhesive tape
3	Taping pin
2	pin
1	TJC3-nAT series plug connector
Number	Designation

**CUSTOMER DRAWING**

Title: 2.5mm pitch WTB header

Part No.: TJC3-nAT(\*\*-\*)

Previous part No.: TJC3-nA-1

Document No.: CP-DWG-01104

Specification No.: PS4115

Drawn	Heng.Yin 2021.8.9	Unit	Scale	Size	Edition
Checked	Guoying.wang 2022.8.24	mm	1:1	A4	B1
Approved	Dongxu.Liu 2022.8.24	Sheet No.	1 of 1		

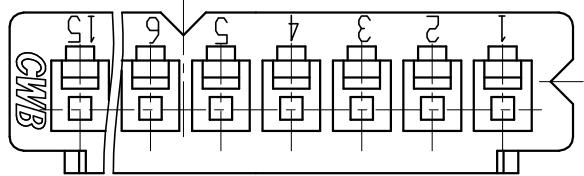
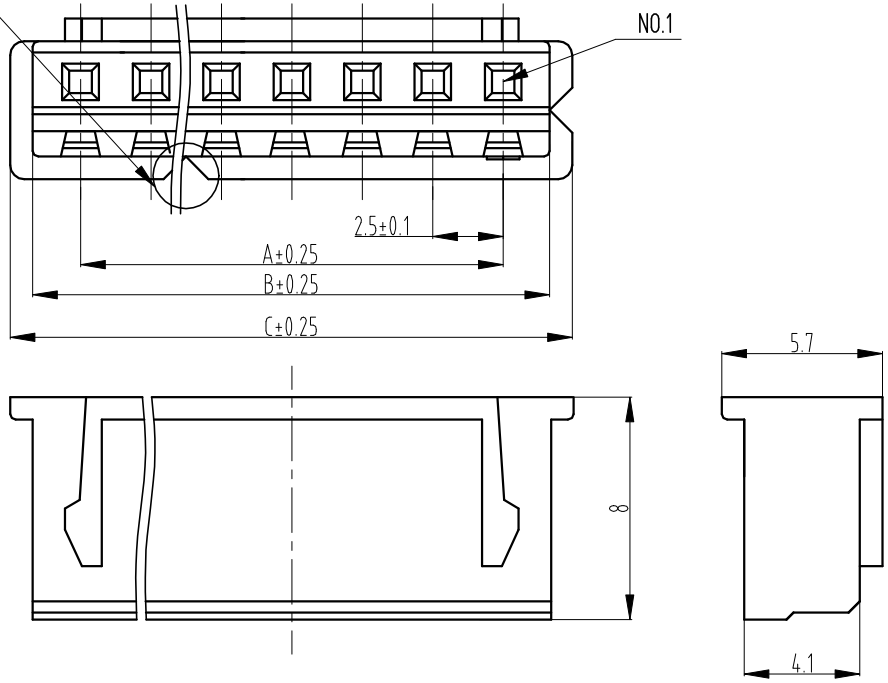
**CWB**

1      2      3      4      5      6      7      8      9      10

A  
B  
C  
D  
E  
F  
G  
H

1. When the number of holes is less than or equal to 6, there is no such recognition slot;  
 2. When the number of holes is  $\geq 6$ , there is the recognition slot between the 5 and 6 holes;  
 3. When the number of holes is greater than or equal to 11, there is the recognition slot between holes 5 and 6, and between holes 10 and 11

General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	$\pm 0.13$					
	3~18	$\pm 0.23$					
	18~50	$\pm 0.35$					
	$\geq 50$	$\pm 0.55$					



16	TJC3-16Y	37.5	40.8	42.4
15	TJC3-15Y	35	38.3	39.9
14	TJC3-14Y	32.5	35.8	37.4
13	TJC3-13Y	30	33.3	34.9
12	TJC3-12Y	27.5	30.8	32.4
11	TJC3-11Y	25	28.3	29.9
10	TJC3-10Y	22.5	25.8	27.4
9	TJC3-9Y	20	23.3	24.9
8	TJC3-8Y	17.5	20.8	22.4
7	TJC3-7Y	15	18.3	19.9
6	TJC3-6Y	12.5	15.8	17.4
5	TJC3-5Y	10	13.3	14.9
4	TJC3-4Y	7.5	10.8	12.4
3	TJC3-3Y	5	8.3	9.9
2	TJC3-2Y	2.5	5.8	7.4
Ckts	Part No.	Dimensions		
		A	B	C

Notes:

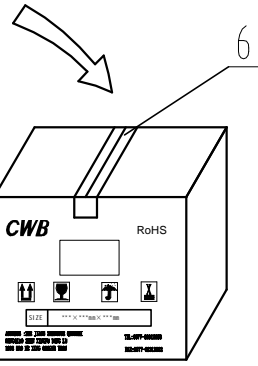
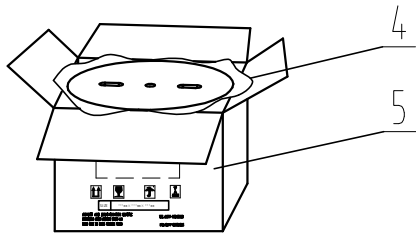
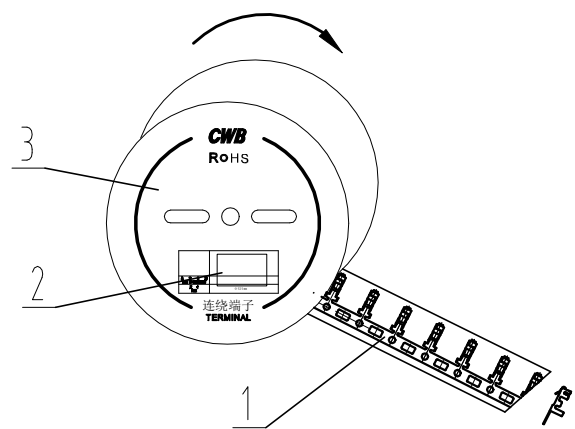
- Material: PA66 UL94V-2, PA66 UL94V-0,  
PA66 UL94V-0 GWT 750°C
- Matched header: TJC3 series header
- Matched contact: CH-TJC3 series
- Packaging: packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.5mm pitch WTB housing	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nY *(**-* )	
Checked	Guoying.Wang 2022.3.25	mm	4:1	A4	B1	Previous part No.: /	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Document No.: CP-DWG-01222		Specification No.: PS4115
<b>CWB</b>							

1      2      3      4      5      6      7      8      9      10



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



6	Gummed tape	
5	Packing box	105kPCS/box
4	Packing bag	105kPCS/bag
3	Reel	7kPCS/disc
2	Certificate	
1	TJC3 series contact	
Number	Designation	Remarks

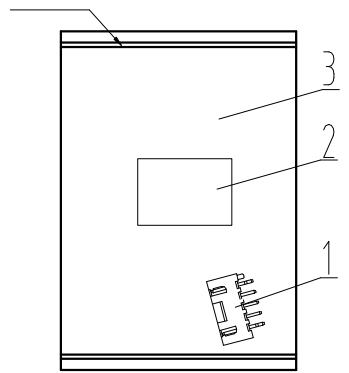
CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: CH-TJC3/CH-TJC3-1/CH-TJC3-2/CH-TJC3B-**
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: TJC3/TJC3-1/TJC3-2/TJC3
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: BZ-DWG-00690
							Specification No.: PS4115



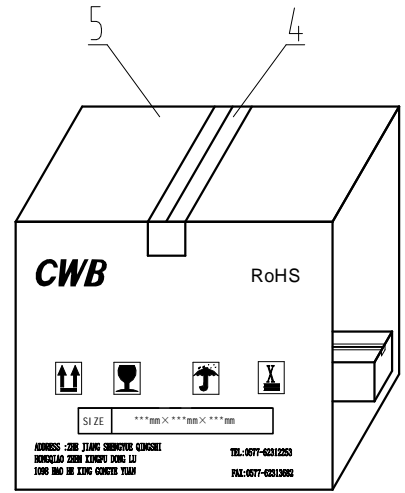
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

Packing bag

Sealed



Packing box

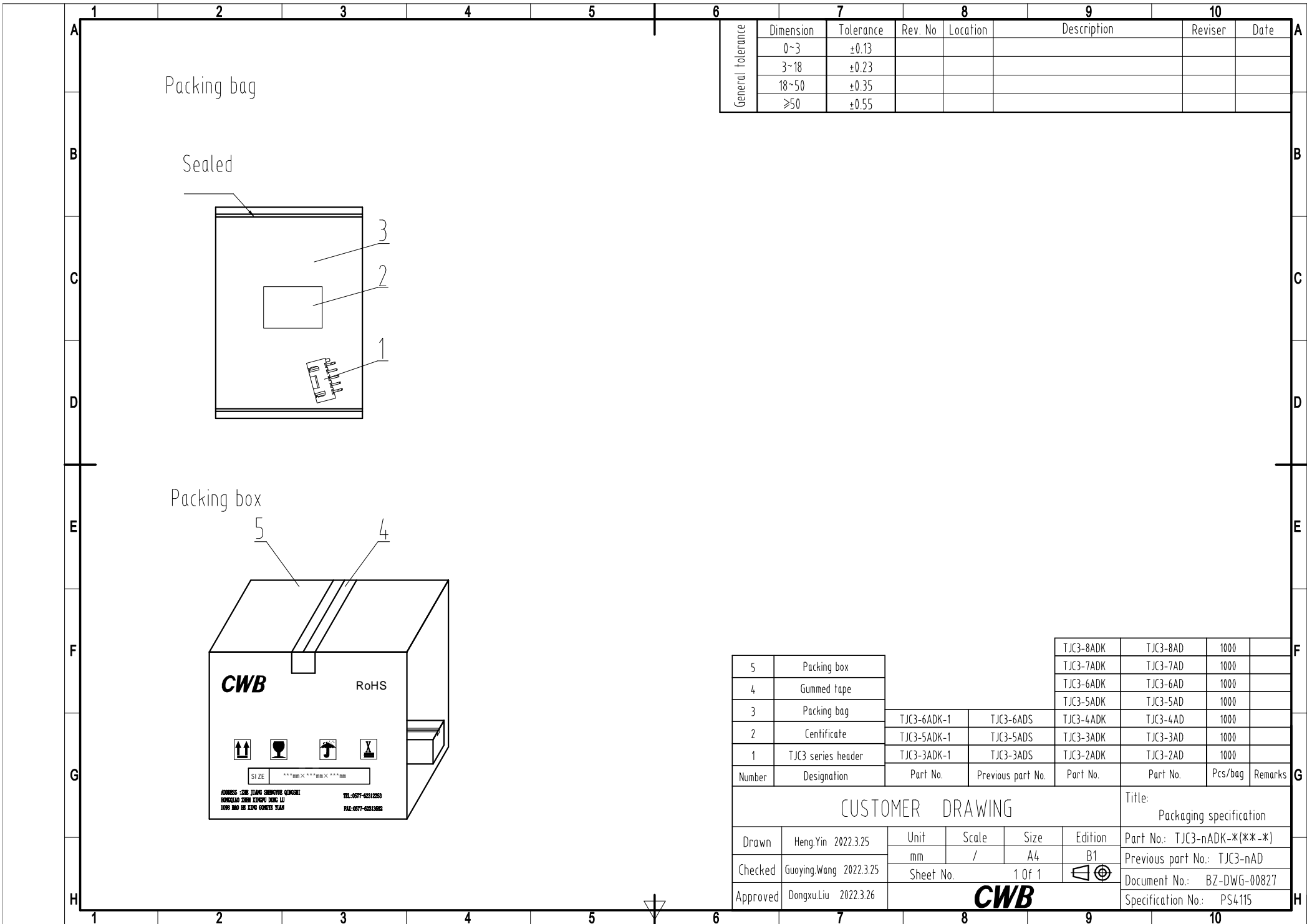


TJC3-16AK	TJC3-16A	TJC3-16AK3.2	TJC3-16A-3.2	TJC3-16A	TJC3-16A(无小喇)	500		
TJC3-15AK	TJC3-15A	TJC3-15AK3.2	TJC3-15A-3.2	TJC3-15A	TJC3-15A(无小喇)	500		
TJC3-14AK	TJC3-14A	TJC3-14AK3.2	TJC3-14A-3.2	TJC3-14A	TJC3-14A(无小喇)	500		
TJC3-13AK	TJC3-13A	TJC3-13AK3.2	TJC3-13A-3.2	TJC3-13A	TJC3-13A(无小喇)	500		
TJC3-12AK	TJC3-12A	TJC3-12AK3.2	TJC3-12A-3.2	TJC3-12A	TJC3-12A(无小喇)	500		
TJC3-11AK	TJC3-11A	TJC3-11AK3.2	TJC3-11A-3.2	TJC3-11A	TJC3-11A(无小喇)	500		
TJC3-10AK	TJC3-10A	TJC3-10AK3.2	TJC3-10A-3.2	TJC3-10A	TJC3-10A(无小喇)	1000		
TJC3-9AK	TJC3-9A	TJC3-9AK3.2	TJC3-9A-3.2	TJC3-9A	TJC3-9A(无小喇)	1000		
TJC3-8AK	TJC3-8A	TJC3-8AK3.2	TJC3-8A-3.2	TJC3-8A	TJC3-8A(无小喇)	1000		
TJC3-7AK	TJC3-7A	TJC3-7AK3.2	TJC3-7A-3.2	TJC3-7A	TJC3-7A(无小喇)	1000		
TJC3-6AK	TJC3-6A	TJC3-6AK3.2	TJC3-6A-3.2	TJC3-6A	TJC3-6A(无小喇)	1000		
TJC3-5AK-1	TJC3-5AS	TJC3-5AK	TJC3-5A	TJC3-5AK3.2	TJC3-5A-3.2	TJC3-5A	TJC3-5A(无小喇)	1000
TJC3-4AK-1	TJC3-4AS	TJC3-4AK	TJC3-4A	TJC3-4AK3.2	TJC3-4A-3.2	TJC3-4A	TJC3-4A(无小喇)	1000
TJC3-3AK-1	TJC3-3AS	TJC3-3AK	TJC3-3A	TJC3-3AK3.2	TJC3-3A-3.2	TJC3-3A	TJC3-3A(无小喇)	1000
TJC3B-2AK	TJC3-2ADS	TJC3-2AK	TJC3-2A	TJC3-2AK3.2	TJC3-2A-3.2	TJC3-2A	TJC3-2A(无小喇)	1000
Part No.	Previous part No	Part No.	Previous part No.	Part No.	Previous part No.	Part No.	Previous part No.	Pcs/bag

5	Packing box
4	Gummed tape
3	Packing bag
2	Certificate
1	TJC3 series header
Number	Designation

CUSTOMER DRAWING							Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nA***(**-*-*)	
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: TJC3-nA	
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1		Document No.: BZ-DWG-00687		Specification No.: PS4115



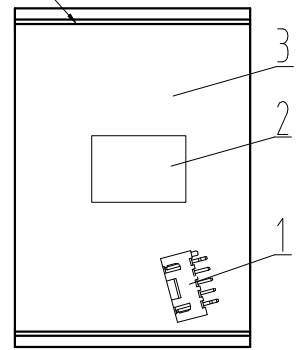
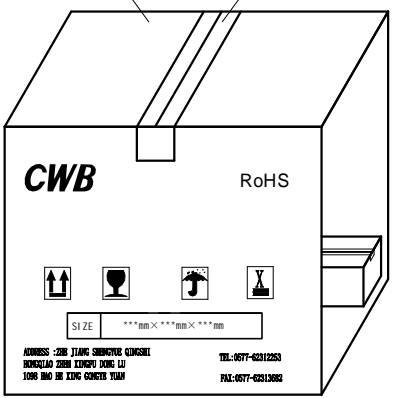


General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

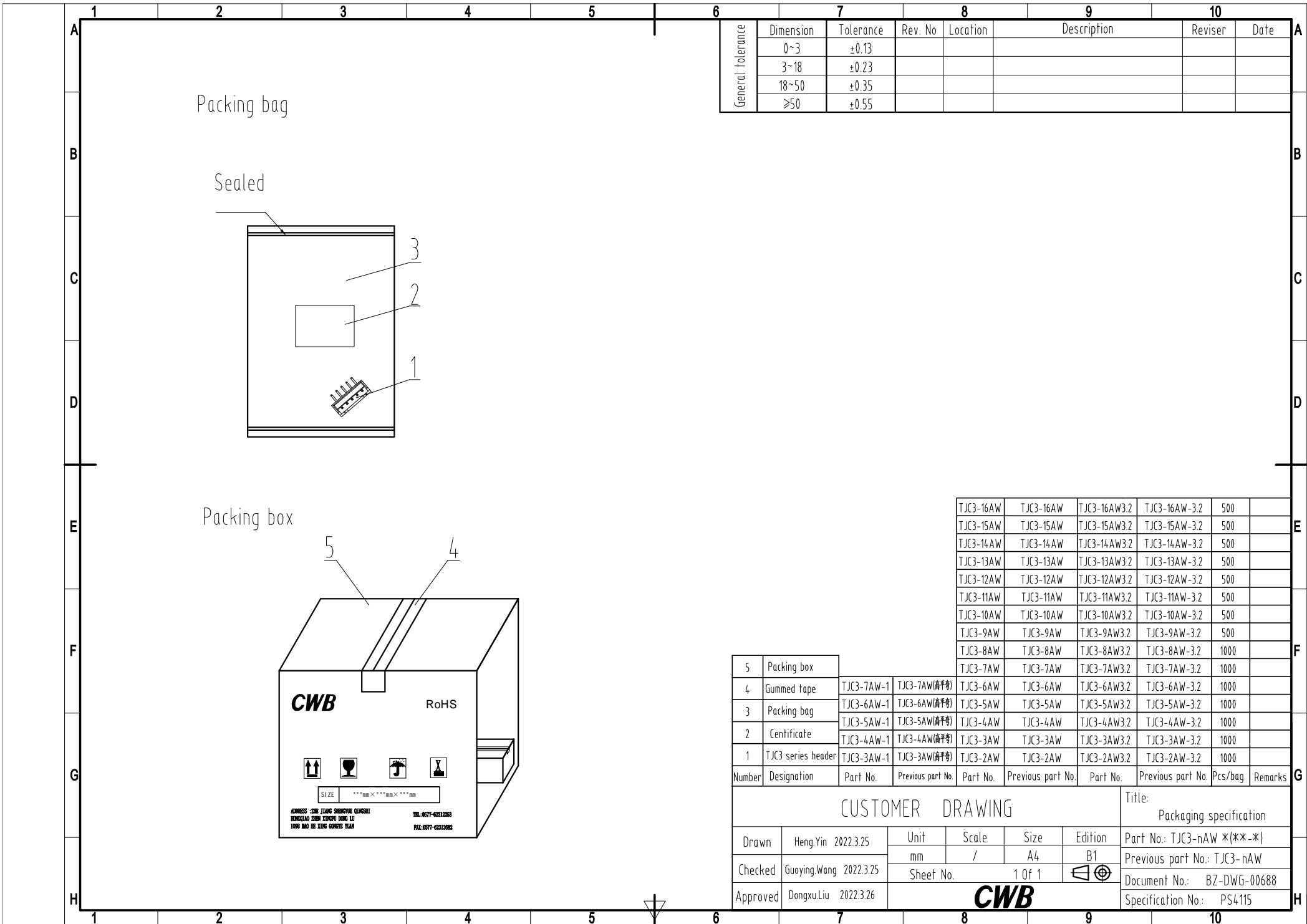
Number	Designation	Part No.	Previous part No.	Part No.	Part No.	Pcs/bag	Remarks
5	Packing box						
4	Gummed tape						
3	Packing bag						
2	Certificate						
1	TJC3 series header						
		TJC3-6ADK-1	TJC3-6ADS	TJC3-4ADK	TJC3-4AD	1000	
		TJC3-5ADK-1	TJC3-5ADS	TJC3-3ADK	TJC3-3AD	1000	
		TJC3-3ADK-1	TJC3-3ADS	TJC3-2ADK	TJC3-2AD	1000	

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nADK-*(**-**)
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: TJC3-nAD
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: BZ-DWG-00827
<b>CWB</b>						Specification No.: PS4.115	



**CWB** RoHS  
 SIZE: \*\*\*mm×\*\*\*mm×\*\*\*mm  
 ADDRESS: 3388 JIANG SUOZHUYU KONGCHANG TEL: 0577-62812263  
 HANGZHOU ZHONG KEHONGJI KONGJI LIU FAX: 0577-62813082  
 3388 HAO HE JIANG SUOZHUYU TEL: 0577-62812263



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

Packing bag

Sealed

Packing box

TJC3-16AW	TJC3-16AW	TJC3-16AW3.2	TJC3-16AW-3.2	500	
TJC3-15AW	TJC3-15AW	TJC3-15AW3.2	TJC3-15AW-3.2	500	
TJC3-14AW	TJC3-14AW	TJC3-14AW3.2	TJC3-14AW-3.2	500	
TJC3-13AW	TJC3-13AW	TJC3-13AW3.2	TJC3-13AW-3.2	500	
TJC3-12AW	TJC3-12AW	TJC3-12AW3.2	TJC3-12AW-3.2	500	
TJC3-11AW	TJC3-11AW	TJC3-11AW3.2	TJC3-11AW-3.2	500	
TJC3-10AW	TJC3-10AW	TJC3-10AW3.2	TJC3-10AW-3.2	500	
TJC3-9AW	TJC3-9AW	TJC3-9AW3.2	TJC3-9AW-3.2	500	
TJC3-8AW	TJC3-8AW	TJC3-8AW3.2	TJC3-8AW-3.2	1000	
TJC3-7AW	TJC3-7AW	TJC3-7AW3.2	TJC3-7AW-3.2	1000	

Number	Designation	Part No.	Previous part No.	Part No.	Previous part No.	Part No.	Previous part No.	Pcs/bag	Remarks
5	Packing box								
4	Gummed tape	TJC3-7AW-1	TJC3-7AW(扁平)	TJC3-6AW	TJC3-6AW	TJC3-6AW3.2	TJC3-6AW-3.2	1000	
3	Packing bag	TJC3-6AW-1	TJC3-6AW(扁平)	TJC3-5AW	TJC3-5AW	TJC3-5AW3.2	TJC3-5AW-3.2	1000	
2	Certificate	TJC3-5AW-1	TJC3-5AW(扁平)	TJC3-4AW	TJC3-4AW	TJC3-4AW3.2	TJC3-4AW-3.2	1000	
1	TJC3 series header	TJC3-4AW-1	TJC3-4AW(扁平)	TJC3-3AW	TJC3-3AW	TJC3-3AW3.2	TJC3-3AW-3.2	1000	
		TJC3-3AW-1	TJC3-3AW(扁平)	TJC3-2AW	TJC3-2AW	TJC3-2AW3.2	TJC3-2AW-3.2	1000	

**CWB** RoHS

SIZE: \*\*\*mm×\*\*\*mm×\*\*\*mm

ADDRESS: CHINA JIANGSU SHUNDEHUO ELECTRIC  
HENGSHAO ZHOU XINRUI DONG LIU  
1008 DAO DE XING GUANGTU TIAN

TEL: 8677-62812283  
FAX: 8677-62813882

**CUSTOMER DRAWING**

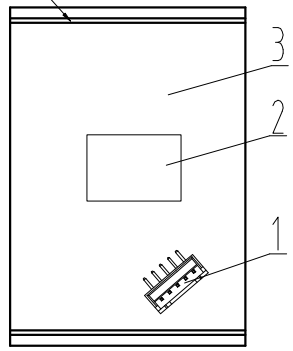
Title: Packaging specification

Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAW *(*)-*) Previous part No.: TJC3-nAW Document No.: BZ-DWG-00688 Specification No.: PS4115
Checked	Guoying.Wang 2022.3.25	mm	/	A4	B1	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1			

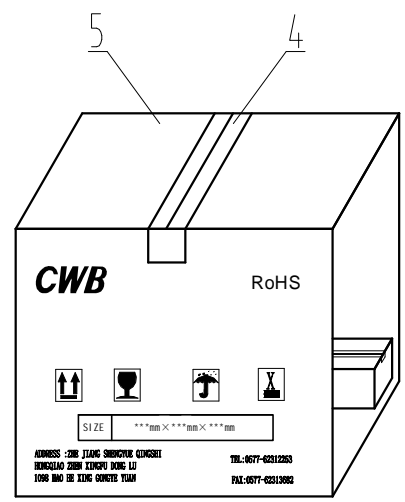
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

Packing bag

Sealed



Packing box



TJC3-16AJ	500	
TJC3-15AJ	500	
TJC3-14AJ	500	
TJC3-13AJ	500	
TJC3-12AJ	500	
TJC3-11AJ	500	
TJC3-10AJ	500	
TJC3-9AJ	1000	
TJC3-8AJ	1000	
TJC3-7AJ	1000	
TJC3-6AJ	1000	
TJC3-5AJ	1000	
TJC3-4AJ	1000	
TJC3-3AJ	1000	
TJC3-2AJ	1000	

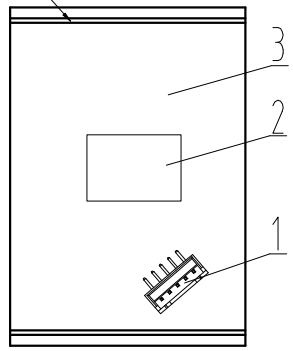
Number	Designation	Part No.	Pcs/bag	Remarks
5	Packing box	TJC3-7AJ	1000	
4	Gummed tape	TJC3-6AJ	1000	
3	Packing bag	TJC3-5AJ	1000	
2	Certificate	TJC3-4AJ	1000	
1	TJC3 series header	TJC3-2AJ	1000	

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAJ (**-*)
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: /
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: BZ-DWG-00828
							Specification No.: PS4.115

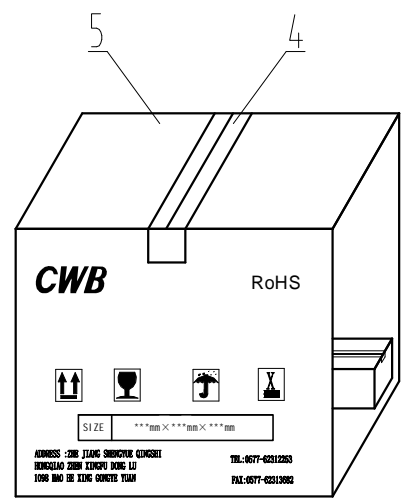
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
≥50	±0.55						

Packing bag

Sealed



Packing box



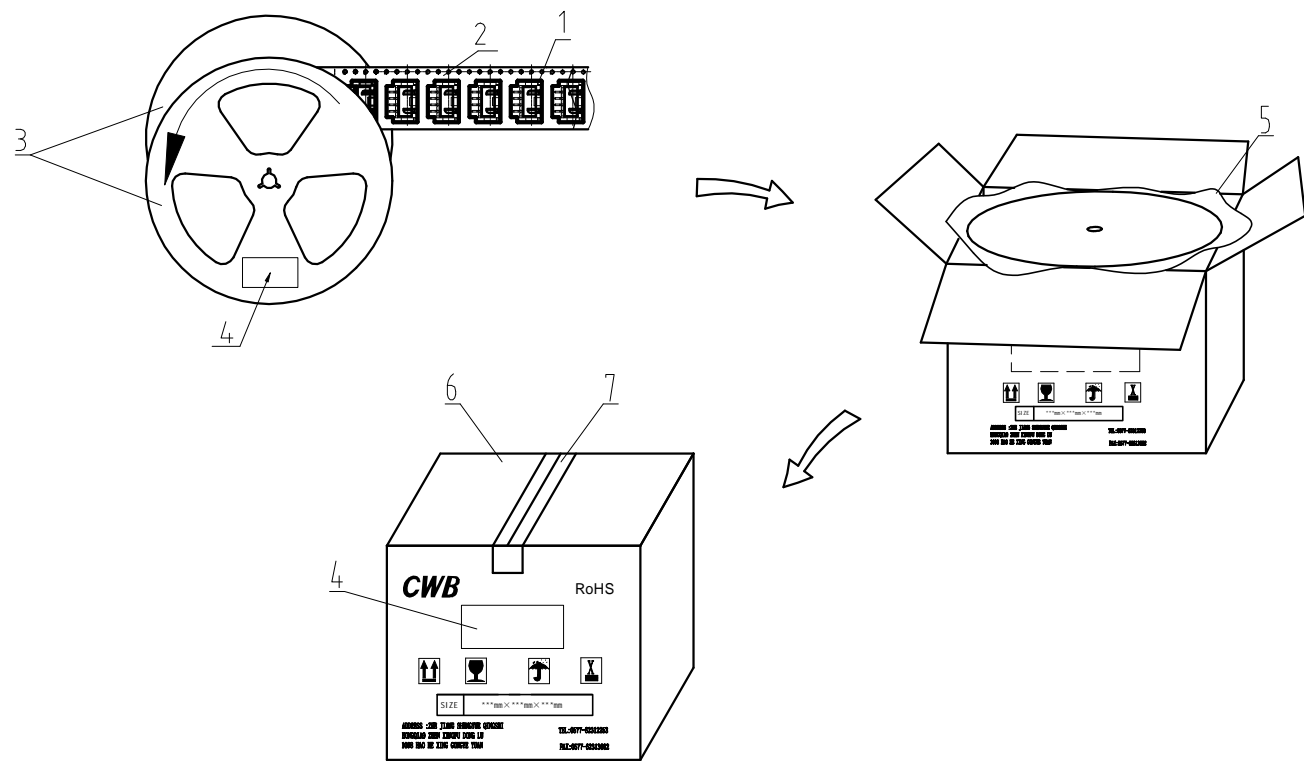
TJC3-16AWJ	TJC3-16AWJ(无缺角)	TJC3-16AWJK	TJC3-16AWJ	TJC3-16AWJ3.2	TJC3-16AWJ-3.2(件数)	500		
TJC3-15AWJ	TJC3-15AWJ(无缺角)	TJC3-15AWJK	TJC3-15AWJ	TJC3-15AWJ3.2	TJC3-15AWJ-3.2(件数)	500		
TJC3-14AWJ	TJC3-14AWJ(无缺角)	TJC3-14AWJK	TJC3-14AWJ	TJC3-14AWJ3.2	TJC3-14AWJ-3.2(件数)	500		
TJC3-13AWJ	TJC3-13AWJ(无缺角)	TJC3-13AWJK	TJC3-13AWJ	TJC3-13AWJ3.2	TJC3-13AWJ-3.2(件数)	500		
TJC3-12AWJ	TJC3-12AWJ(无缺角)	TJC3-12AWJK	TJC3-12AWJ	TJC3-12AWJ3.2	TJC3-12AWJ-3.2(件数)	500		
TJC3-11AWJ	TJC3-11AWJ(无缺角)	TJC3-11AWJK	TJC3-11AWJ	TJC3-11AWJ3.2	TJC3-11AWJ-3.2(件数)	500		
TJC3-10AWJ	TJC3-10AWJ(无缺角)	TJC3-10AWJK	TJC3-10AWJ	TJC3-10AWJ3.2	TJC3-10AWJ-3.2(件数)	500		
TJC3-9AWJ	TJC3-9AWJ(无缺角)	TJC3-9AWJK	TJC3-9AWJ	TJC3-9AWJ3.2	TJC3-9AWJ-3.2(件数)	500		
TJC3-8AWJ	TJC3-8AWJ(无缺角)	TJC3-8AWJK	TJC3-8AWJ	TJC3-8AWJ3.2	TJC3-8AWJ-3.2(件数)	1000		
TJC3-7AWJ	TJC3-7AWJ(无缺角)	TJC3-7AWJK	TJC3-7AWJ	TJC3-7AWJ3.2	TJC3-7AWJ-3.2(件数)	1000		
TJC3-6AWJ	TJC3-6AWJ(无缺角)	TJC3-6AWJK	TJC3-6AWJ	TJC3-6AWJ3.2	TJC3-6AWJ-3.2(件数)	1000		
TJC3-5AWJ	TJC3-5AWJ(无缺角)	TJC3-5AWJK	TJC3-5AWJ	TJC3-5AWJ3.2	TJC3-5AWJ-3.2(件数)	1000		
TJC3-4AWJ	TJC3-4AWJ(无缺角)	TJC3-4AWJK	TJC3-4AWJ	TJC3-4AWJ3.2	TJC3-4AWJ-3.2(件数)	1000		
TJC3-3AWJ	TJC3-3AWJ(无缺角)	TJC3-3AWJK	TJC3-3AWJ	TJC3-3AWJ3.2	TJC3-3AWJ-3.2(件数)	1000		
TJC3-2AWJ	TJC3-2AWJ(无缺角)	TJC3-2AWJK	TJC3-2AWJ	TJC3-2AWJ3.2	TJC3-2AWJ-3.2(件数)	1000		
Number	Designation	Part No.	Previous part No.	Part No.	Previous part No.	Part No.	Previous part No.	Pcs/bag

5	Packing box
4	Gummed tape
3	Packing bag
2	Certificate
1	TJC3 series header

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin 2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAWJ *(**~*)	
Checked	Guoying.Wang 2022.3.25	mm	/	A4	B1	Previous part No.: TJC3-nAWJ	
Approved	Dongxu.Liu 2022.3.26	Sheet No.	1 of 1		Document No.: BZ-DWG-00829		Specification No.: PS4115



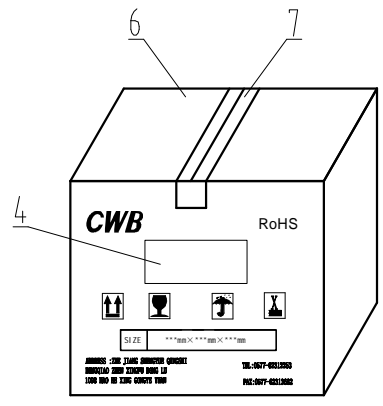
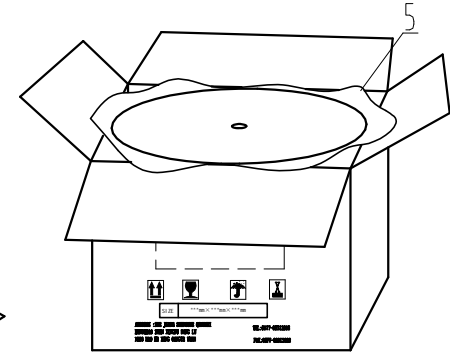
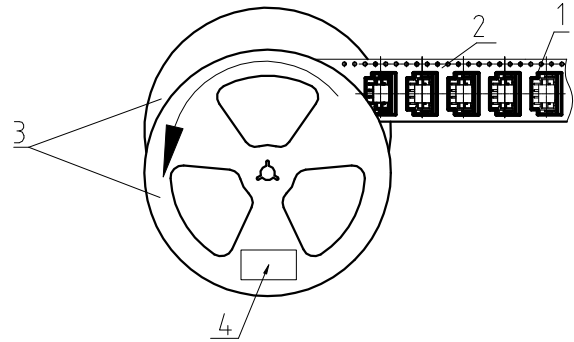
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
≥50	±0.55						



7	Gummed tape	
6	Packing box	350mm×350mm×45mm
5	Packing bag	
4	Certificate	
3	Plastic disc	φ380
2	Carrier tape	
1	TJC3-nAWB	700pcs/reel
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nAWB(**-* )
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: TJC25061-nAWB
Approved	Dongxu.Liu	2022.3.26	Sheet No.	1 of 1			Document No.: BZ-DWG-00748
<b>CWB</b>						Specification No.: PS4.115	

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

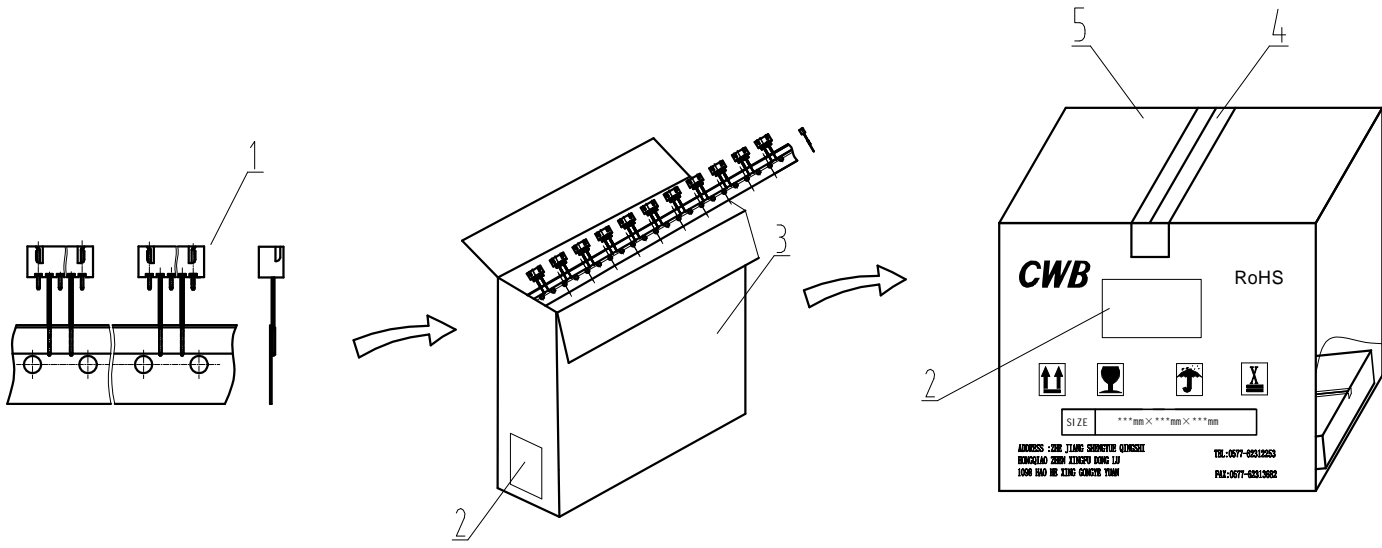


7	Gummed tape	
6	Packing box	350mm×350mm×45mm
5	Packing bag	
4	Certificate	
3	Plastic disc	φ380
2	Carrier tape	
1	TJC3-nABX	560pcs/reel
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nABX(**-*)
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: TJC25061-nAB
			Sheet No.		1 of 1	Document No.: BZ-DWG-00749	
Approved	Dongxu.Liu	2022.3.26	<b>CWB</b>			Specification No.: PS4.115	

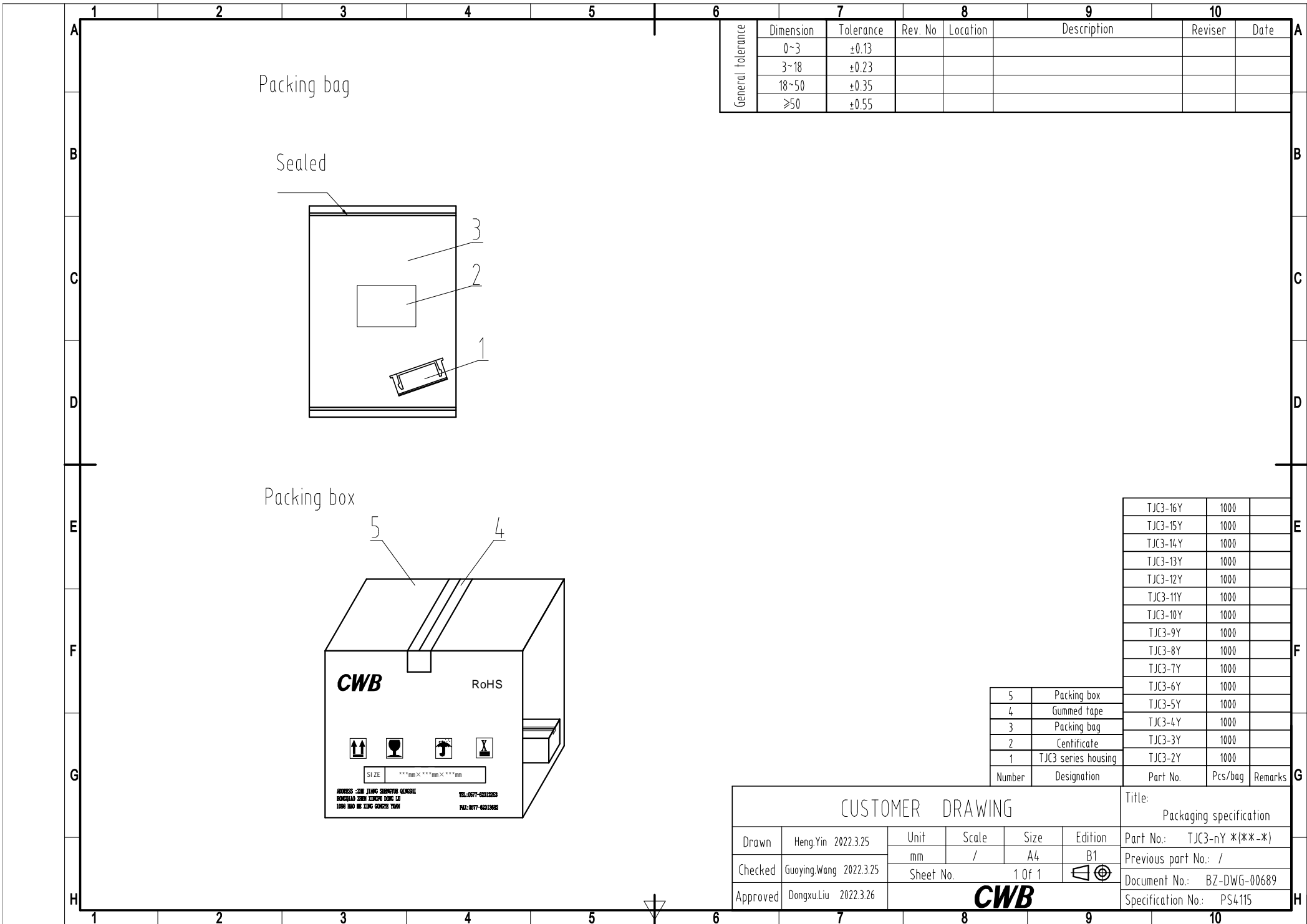


General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.16					
	18~50	±0.31					
	≥50	±0.55					



5	Packing box	TJC3-6AT	500	
4	Gummed tape	TJC3-5AT	500	
3	Packing box	TJC3-4AT	500	
2	Certificate	TJC3-3AT	1000	
1	TJC3-nAT series plug connector	TJC3-2AT	1000	
Number	Designation	Part No.	Pcs/box	Remarks

CUSTOMER DRAWING						Title: Packaging Specification	
Drawn	Heng.Yin 2021.8.11	Unit	Scale	Size	Edition	Part No.: TJC3-nAT (**-*)	
Checked	Duoying.Wang 2022.8.24	mm	/	A4	B	Previous part No.: TJC3-nA-1	
Approved	Dongxu.Liu 2022.8.24	Sheet No.		1 Of 1		Document No.: BZ-DWG-00638	
<b>CWB</b>						Specification No.: PS4115	



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

TJC3-16Y	1000	
TJC3-15Y	1000	
TJC3-14Y	1000	
TJC3-13Y	1000	
TJC3-12Y	1000	
TJC3-11Y	1000	
TJC3-10Y	1000	
TJC3-9Y	1000	
TJC3-8Y	1000	
TJC3-7Y	1000	
TJC3-6Y	1000	
TJC3-5Y	1000	
TJC3-4Y	1000	
TJC3-3Y	1000	
TJC3-2Y	1000	

5	Packing box			
4	Gummed tape			
3	Packing bag			
2	Certificate			
1	TJC3 series housing			
Number	Designation	Part No.	Pcs/bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Heng.Yin	2022.3.25	Unit	Scale	Size	Edition	Part No.: TJC3-nY *(**-**)
Checked	Guoying.Wang	2022.3.25	mm	/	A4	B1	Previous part No.: /
Approved	Dongxu.Liu	2022.3.26	Sheet No. 1 of 1				Document No.: BZ-DWG-00689
							Specification No.: PS4.115

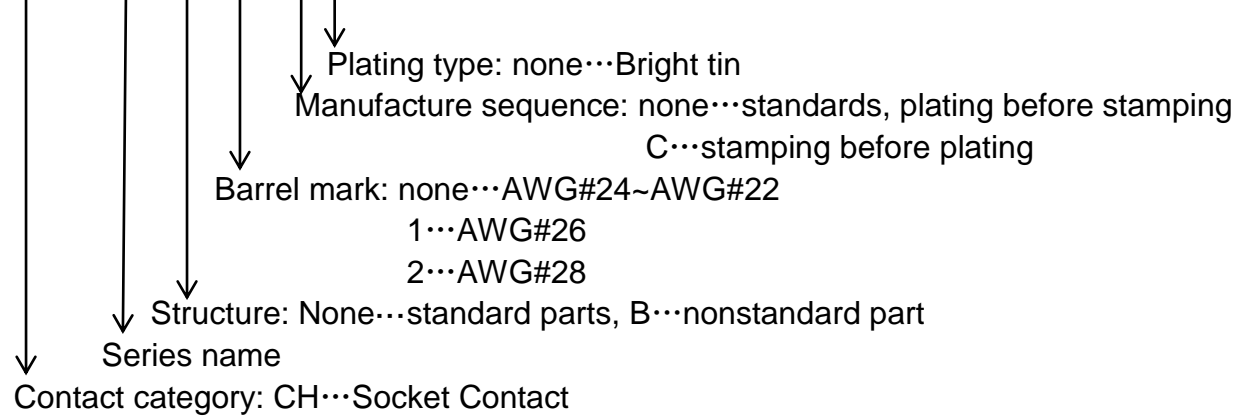
## TJC3 系列命名规则

### TJC3 series naming conventions

#### 1. Contact

CH-TJC3-\*\*\*, CH-TJC3B-\*\*

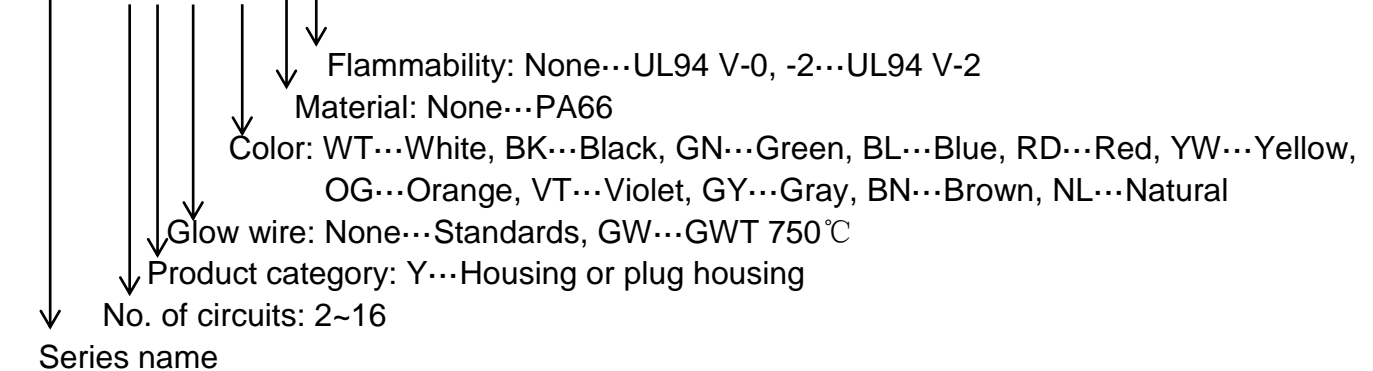
CH - TJC3 B - \* - \* \*



#### 2. Housing

TJC3-nY \* (\*\*-\*)

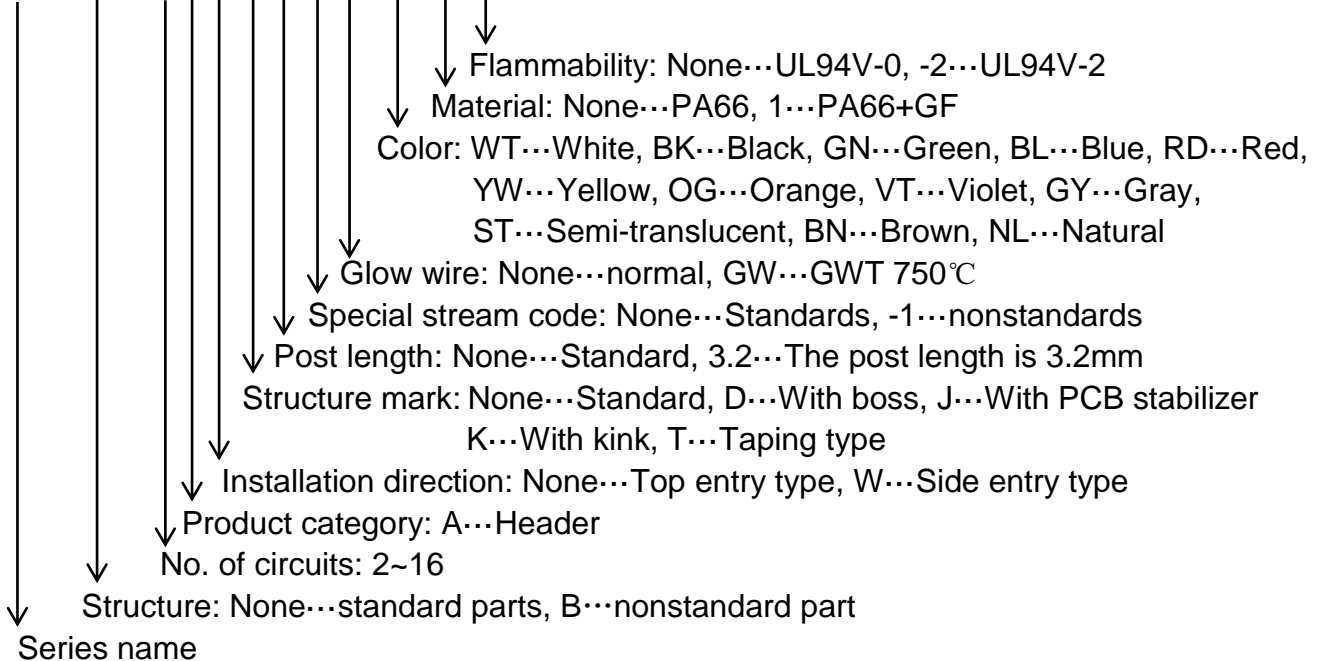
TJC3 - n Y \* ( WT \* - \* )



### 3. DIP Header

TJC3-nA (\*\*-\*), TJC3-nAK (\*\*-\*), TJC3-nAK3.2 (\*\*-\*), TJC3-nAK-1 (\*\*-\*), TJC3-nADK (\*\*-\*),  
 TJC3B-2AK (\*\*-\*), TJC3-nADK-1 (\*\*-\*), TJC3-nAW (\*\*-\*), TJC3-nAW3.2 (\*\*-\*), TJC3-nAW  
 -1 (\*\*-\*), TJC3-nAJ (\*\*-\*), TJC3-nAWJ (\*\*-\*), TJC3-nAWJK (\*\*-\*), TJC3-nAWJ3.2 (\*\*-\*),  
 TJC3-nAT

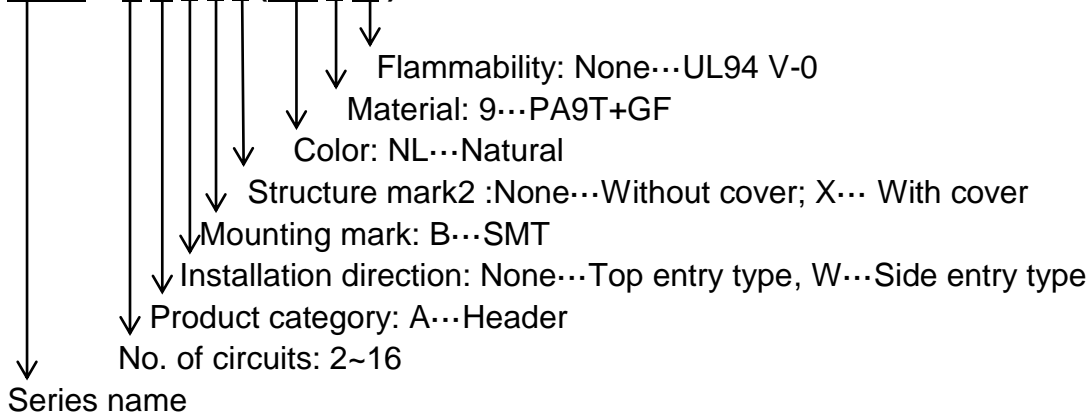
**TJC3 (B) - n A \* \* \* \* \* (WT \* -\*)**



### 4. SMT Header

TJC3-nAB (\*\*-\*), TJC3-nABX (\*\*-\*), TJC3-nAWB (\*\*-\*)

**TJC3 - n A \* \* \* (WT \* -\*)**



## 5. Assembly which missing circuits

TJC3-nA \* mZ(a.b...) \* (\*\*-\*), TJC3-nAW \* mZ(a.b...) \* (\*\*-\*), TJC3-nAJ \* mZ(a.b...) \* (\*\*-\*), TJC3-nAWJ \* mZ(a.b...) \* (\*\*-\*), TJC3-nAD \* mZ(a.b...) \* (\*\*-\*), TJC3-nA\*\*\* mZ(a.b...)3.2 (\*\*-\*)

...n A ... mZ (a.b...)-...

↓ Missing circuit number: "a.b..." ...The positive integer represents the position of the missing circuits  
 ↓ No. of actual circuits: mZ ("m" is positive integer)  
 ↓ Product category: A...Header  
 ↓ No. of circuits: 2~16

Part No.	Circuit No.														
	○:with post; ×:without post														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
...13A ... 7Z(2.3.5.7.9.11)-...	○	×	×	○	×	○	×	○	×	○	×	○	○		
...4A ... 3Z(2)-...	○	×	○	○											
.....	.....														