

标题：TJC1507 系列连接器

Title: TJC1507 Connector

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<b>CWB 浙江合兴电子元件有限公司</b> CWB Electronics (Zhejiang) Co., Ltd.	<u>制定 Edit:</u> 王曲 2021. 9. 16	<u>产品名称 Product name:</u> <b>TJC1507</b>
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### 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
0	/	First release	王曲 2021/09/16
1	/	Update specifications and part no according to new naming specifications	吴吉 2022/03/14

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## 2.适用范围 Scope

本产品规格书适用于浙江合兴电子元件有限公司生产的 WTB&WTW 1.5 阴型 & 阳型电子连接器, 产品名称: TJC1507。

This product specification covers the requirement for wire to board & wire to wire 1.5mm pitch receptacle & header & relay, which are designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: TJC1507.

## 3.产品描述 Product description

TJC1507 系列产品为家电连接器产品, 产品部件组成如下:

The TJC1507 series connector designed for home appliances connection. part checklist as following form:

Part name	Part No.	Previous part No.	Description
阳连接器 (立式, 表面装贴, 双排, 含定位柱) Header ( V, SMT, Double row, W/Boss)	TJC1507-2×nABD(**-*)	TJC1505-2×nABD	Wafer:PA4T+GF UL94 V-0 LCP+GF UL94 V-0 Post: Brass, tin over nickel plated
阳连接器 (立式, 表面装贴, 含定位柱) Header ( V, SMT, W/Boss)	TJC1507-nABD(**-*)	TJC1506-nABD	Wafer: PA4T+GF UL94 V-0 Post: Brass, tin over nickel plated
阴连接器 (绝缘位移连接) Receptacle (IDC)	TJC1507-nYI (**-*)	TJC1507-nY	Housing: PA66+GF UL94 V-0 GWT750°C Contact: Phosphor bronze, tin plated
阳连接器 (立式, 直插, 含小弯, 含定位柱) Header ( V, DIP, W/Kink, W/Boss)	TJC1507-nADK (**-*)	TJC15011-nAD	Wafer: PA66+GF UL94 V-0 GWT750°C Post: Brass, tin over nickel plated
中继连接器 (面板安装) Relay (Panel mount)	TJC1507-nRP(**-*)	TJC15012-nA	Wafer: PA66 UL94 V-0 Post: Brass, tin over nickel plated
阳连接器 (卧式, 直插, 含小弯, 含挡板) Header ( H, DIP, W/Kink, W/PCB stabilizer)	TJC1507-nAWJK (**-*)	TJC15013-nAWJ	Wafer: PA66+GF UL94 V-0 GWT750°C Post: Brass, tin over nickel plated

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### 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
EIA-364	EIA-364 系列标准 EIA-364 series standards
产品符合 RoHS 标准。 The product should comply with RoHS.	

### 5. 参数范围 Parameter ratings:

额定电流 [AC(有效值)/DC] Rated current [AC(rms)/DC]	AWG26# 2A Max.	AWG28# 1A Max.
额定电压[AC(有效值)/DC] Rated voltage [AC(rms)/DC]	50V	
使用温度范围（包含温升） Operating temperature range (include temperature rise)	-25°C ~ +85°C	
适用线型（具体适用线型请参考压接规格书） Applicable wires (Please refer to the crimping specification for details)	Wire size: AWG26~AWG28(0.13mm <sup>2</sup> -0.08 mm <sup>2</sup> ) Insulation diameter: $\phi$ 0.95mm- $\phi$ 0.85mm	

注意事项：TJC1507-2×nABD & TJC1507-nABD 产品暴露在空气中时，需在 48h 内使用，避免产品在自然吸湿后回流焊时产生起泡现象。

Note: When the TJC1507-2×nABD & TJC1507-nABD is exposed to air, it should be used within 48 hours to avoid blistering during reflux welding after natural moisture absorption.

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### 6. 产品性能 Performance

#### 6.1 机械性能 Mechanical

序号 No.	项 目 Item	测试条件 Test condition	规 格 Requirement		
6.1.1	外观 Appearance	目测 Checking by eyes 视力: 1.0 以上 Eyesight: > 1.0 照明: (200~300) lx Lamp: (200~300) lx 目测距离: (0.3~0.5) m Space: (0.3~0.5) m <b>GB/T 5095.1 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	针的固定力 Post retention force	沿插针轴线方向施加推力, 测量将插针从塑件上分离的力(测试速度:25mm /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: <25 mm/min.) <b>GB/T 5095.8 Method 15a / EIA-364-29B</b>	TJC1507-2×nABD: 5N Min TJC1507-nABD: 10N Min TJC1507-nADK: 10N Min TJC1507-nRP: 10N Min TJC1507-nAWJK: 10N Min		
6.1.3	成品插入力与拔出力 Insertion force and withdrawal force	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(速度不大于25mm/min.) A plug 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.) <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	See Fig.1		
6.1.4	压着部位抗张强度(适用于TJC1507-nYI) Crimping pull out force (applied to TJC1507-nYI)	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 50mm/min.见 Fig.2 Fix the crimped contact, axial pull out force on the contact in the housing at a rate less than 50 mm/min. See Fig.2 <b>GB/T5095.8 Method 16d / EIA-364-08B</b>	压接部位抗张强度 (Min.) Crimping pull out force		
			线规 Wire siz	水平张力 Axial direction N	垂直张力 Traverse direction N
			AWG 26	19.6	11.8
AWG 28	14.7	11.8			
6.1.5	面板安装力 (适用于TJC1507-nRP) Panel mounting force (applied to TJC1507-nRP)	固定面板和测力计, 在连接器轴线方向插入连接器, 速度不大于 25 mm/min. 面板尺寸参照 TJC15007-nRP 图纸。见 Fig.3 Apply axial insert force on the connector into the panel at a rate less than 25 mm/min.The panel dimensions as specified in the TJC1507-nRP drawing.see Fig.3	49N Max.		
6.1.6	面板保持力 (适用于TJC1507-nRP) Panel retention force (applied to TJC1507-nRP)	固定面板和测力计, 在连接器轴线方向拔出连接器, 速度不大于 25 mm/min. 面板尺寸参照 TJC1507-nRP 图纸。见 Fig.4 Apply axial thrust on the connector in the panel at a rate less than 25 mm/min. The panel dimensions as specified in the TJC1507-nRP drawing See Fig.4	83.3N Min.		

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6.1.6	机械振动 Vibration	<p>插入连接器，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</p> <p>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></p>	<p>外观：无损伤（参照6.1.1） Appearance: no damage.( refer to 6.1.1) 电流中断时间: 1μsec Max Current interruption: 1μsec Max 接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).</p>
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>Mate connectors and subject them to the following shock conditions, 3 times of shock shall be applied for each 6 directions along 3 mutually perpendicular axes, passing DC 100mA current during the test.(total of 18 shocks) Test pulse: 490m/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) 电流中断时间: 1μsec Max Current interruption: 1μsec Max</p>
6.1.8	机械寿命 Durability	<p>以每分钟 10 次的速度插拔 30 次 30 cycles for mating and unmating test at the speed of 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. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω 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 <b>GB/T 5095.2 Method 2a / EIA-364-23B</b></p>	<p>接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).</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>500 MΩ Min. ( Initial) 100 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 500V AC (有效值),漏电流 1mA 的电压作用,时间 1min. Apply a voltage of 500V AC (rms) and leakage current of 1mA between adjacent contacts or ground cables for 1 minute. <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>插入连接器，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. <b>GB/T 5095.3 Method 5a / EIA-364-70A</b></p>	<p>Δ30℃ 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±2) °C 的空气中放置 500 小时, 再回到室温中放置 (1~2) 小时测定 Mated connectors exposed to the condition of (85±2)°C for 500 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: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.2	耐低温 Cold resistance	连接器配合后, 于 (-40±2) °C 的空气中放置 500 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 500hours, 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: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.3	恒定湿热 Humidity	温度(40±2)°C, 相对湿度(90~95)% 搁置时间 500 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 500 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) 绝缘电阻: 100 MΩ Min. Insulation resistance: 100 MΩ Min. 接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.4	温湿度循环 Humidity-Temperature cycling	将样品按照 Fig.5 预处理后, 执行每循环 24 小时的温湿度循环 10 次。前 9 循环任选 5 次执行含带低温的循环 (Fig.6), 其余 4 个循环执行不带低温的循环 (Fig.7)。最后一个循环为: 按 Fig.7 完成前 16 小时的放置后, 继续将产品保持在温度 25°C、相对湿度 (93±3) % 的环境中 3.5 小时。 The temperature and humidity were cycled for 10 times for 24 hours per cycle after the samples were pretreated in accordance with Fig.5. 5 cycles of the first 9 cycles are selected to execute the cycle with low temperature (Fig.6), and the remaining 4 cycles were performed without low temperature (Fig.7). The final cycle as follows :after performing the first 16 hours as shown in Fig.7, the sample was placed in an environment with a temperature of 25°C and a relative humidity of (93±3) % for 3.5 hours <b>IEC 68-2-38</b>	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 绝缘电阻: 100 MΩ Min. Insulation resistance: 100 MΩ Min. 接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
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 0.5h; b) 在(85±2)°C的恒温条件下放置 0.5h; 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 500 个循环, 恢复 1~2h Mated connectors shall be tested under the following conditions Temperature °C                      Duration (Minutes) 1                      -55                                      30 2                      +25                                      5Max. 3                      +85                                      30 4                      +25                                      5Max. Step 1 to 4 is one cycle, 500 cycles shall be tested. Recovery time 1~2 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: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).

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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: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.6	硫化氢气体测试 (H <sub>2</sub> S gas test)	连接器配合后, 在温度 (40±3)℃、湿度 75%、H <sub>2</sub> S 气体浓度为 3ppm 的环境中放置 240 小时 Mated connectors exposed to the condition of temperature (40±3)℃, humidity 75%, H <sub>2</sub> S gas concentration of 3ppm for 240 hours	接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.7	工业气体 (SO <sub>2</sub> ) Industrial gas (SO <sub>2</sub> )	连接器配合后, 在温度(35±2)℃、湿度 95%、SO <sub>2</sub> 气体浓度为 10±3ppm 的环境中放置 240 小时。 Mated connectors exposed to the condition of temperature (35±2)℃, humidity 95%, SO <sub>2</sub> gas concentration of 10±3ppm for 240 hours	接触电阻: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max). Contact resistance: 0.02Ω Max. (TJC1507-nRP: 0.04Ω Max).
6.3.9	耐溶剂性 Resistance to solvent	常温下, 未插合的连接器在异丙醇 (isopropyl alcohol) 中浸泡 90 秒。 Unmated connector (isopropyl alcohol) immerse in solvent normal temperature 90 seconds	连接器应无对连接功能不利的溶化或变色。 Connector shall be free from fusion and discoloration that detrimental to connector function
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±3)℃, 时间 (3±0.5) 秒 Dip solder tails into the molten solder held at (245±3)℃ for (3±0.5) seconds <b>EIA-364-52</b>	上锡率: 100%: Solder coverage: 100%
6.3.1 1	耐焊接热 Resistance to soldering heat	TJC1507-nADK&TJC1507-nAWJK 满足波峰焊条件: 把试验样品插入 PCB 板后, 将需要焊接的部位浸入焊锡炉中, 锡炉温度 (260±5)℃; 时间 (10±1) s 后, 在正常条件下恢复 1~2h。 TJC1507-nADK&TJC1507-nAWJK should meet the conditions of wave soldering: after the test sample is inserted into the PCB board, dip solder tails into the molten solder held at (260±5)℃ for (10±1) sec, recovery time 1~2 hours.	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1)
		TJC1507-2×nABD&TJC1507-nABD 满足 Fig.8 的回流焊条件。 TJC1507-2×nABD&TJC1507-nABD should meet the reflow conditions in Fig.8.	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1)
		TJC1507-2×nABD&TJC1507-nABD&TJC1507-nADK&TJC1507-nAWJK 满足手工焊接条件: 温度(350±10)℃, 时间(2~4)秒。 TJC1507-2×nABD&TJC1507-nABD&TJC1507-nADK&TJC1507-nAWJK should meet the manual welding conditions: temperature (350±10)℃, time (2~4) seconds.	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1)

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极数 No. of poles	连接器插拔力 Connector mating /unmating force*note		连接器插拔力（中继连接器的锁扣端） Connector mating/unmating force (to be applied post header relay panel mount type by measurement on lock side)	
	插入力 Mating force N(Kgf) Max.	拔出力 Unmating force N(Kgf) Min	插入力 Mating force N(Kgf) Max.	拔出力 Unmating force N(Kgf) Min
2	29.302(2.99)	4.508(0.46)	31.752(3.24)	5.978(0.61)
3	31.948(3.26)	5.194(0.53)	34.398(3.51)	6.664(0.68)
4	34.594(3.53)	5.880(0.60)	37.044(3.78)	7.350(0.75)
5	37.240(3.80)	6.566(0.67)	42.140(4.30)	9.016(0.92)
6	39.886(4.07)	7.252(0.74)	44.786(4.57)	9.702(0.99)
7	42.532(4.34)	7.938(0.81)	47.432(4.84)	10.388(1.06)
8	45.178(4.61)	8.624(0.88)	50.078(5.11)	11.074(1.13)
9	47.824(4.88)	9.310(0.95)	57.624(5.88)	14.210(1.45)
10	50.470(5.15)	9.996(1.02)	60.270(6.15)	14.896(1.52)
11	53.116(5.42)	10.682(1.09)	62.916(6.42)	15.582(1.59)
12	55.762(5.69)	11.368(1.16)	65.562(6.69)	16.268(1.66)
13	58.408(5.96)	12.054(1.23)	68.208(6.96)	16.954(1.73)
14	60.956(6.22)	12.740(1.30)	75.656(7.72)	20.090(2.05)
15	63.602(6.49)	13.426(1.37)	78.302(7.99)	20.776(2.12)
16	66.248(6.76)	14.112(1.44)	80.948(8.26)	21.462(2.19)
17	68.894(7.03)	14.798(1.51)	83.594(8.53)	22.148(2.26)
18	71.540(7.30)	15.484(1.58)	86.240(8.80)	22.834(2.33)
19	74.186(7.57)	16.170(1.65)	88.886(9.07)	23.520(2.40)
20	76.832(7.84)	16.856(1.72)	91.532(9.34)	24.206(2.47)
22	82.124(8.38)	18.228(1.86)	91.924(9.38)	23.128(2.36)
24	87.416(8.92)	19.600(2.00)	97.216(9.92)	24.500(2.50)
26	92.708(9.46)	20.972(2.14)	102.508(10.46)	25.872(2.64)
28	98.000(10.00)	22.344(2.28)	107.800(11.00)	27.244(2.78)
30	103.292(10.54)	23.716(2.42)	117.992(12.04)	31.066(3.17)
32	108.584(11.08)	25.088(2.56)	123.284(12.58)	32.438(3.31)
34	113.876(11.62)	26.460(2.70)	128.576(13.12)	33.810(3.45)
36	119.168(12.16)	27.832(2.84)	133.868(13.66)	35.182(3.59)
38	124.460(12.70)	29.204(2.98)	139.160(14.20)	36.554(3.73)
40	129.752(13.24)	30.576(3.12)	144.452(14.74)	37.926(3.87)

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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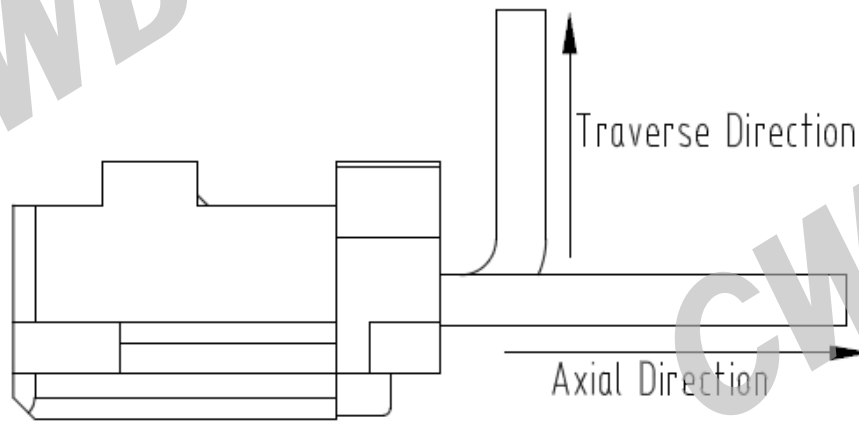


Fig.2 Crimping pull out force

Panel mounting force  
measurement direction

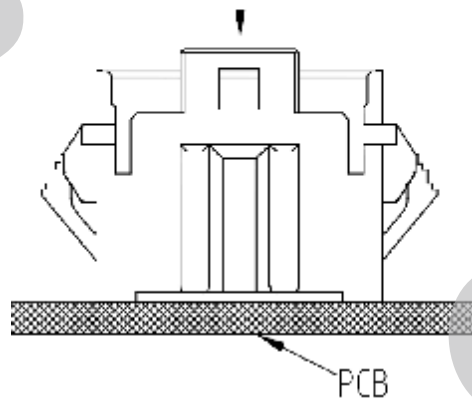


Fig.3 Panel mating force measurement direction

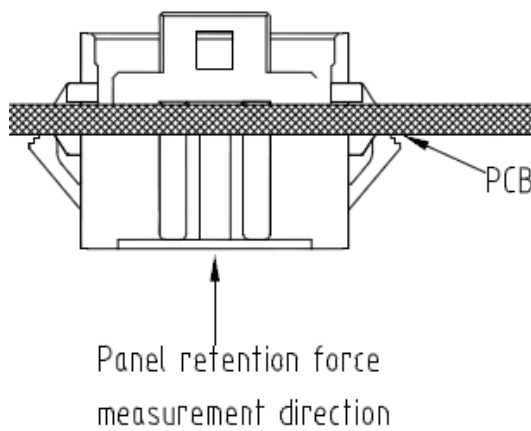


Fig.4 Panel retention force measurement direction

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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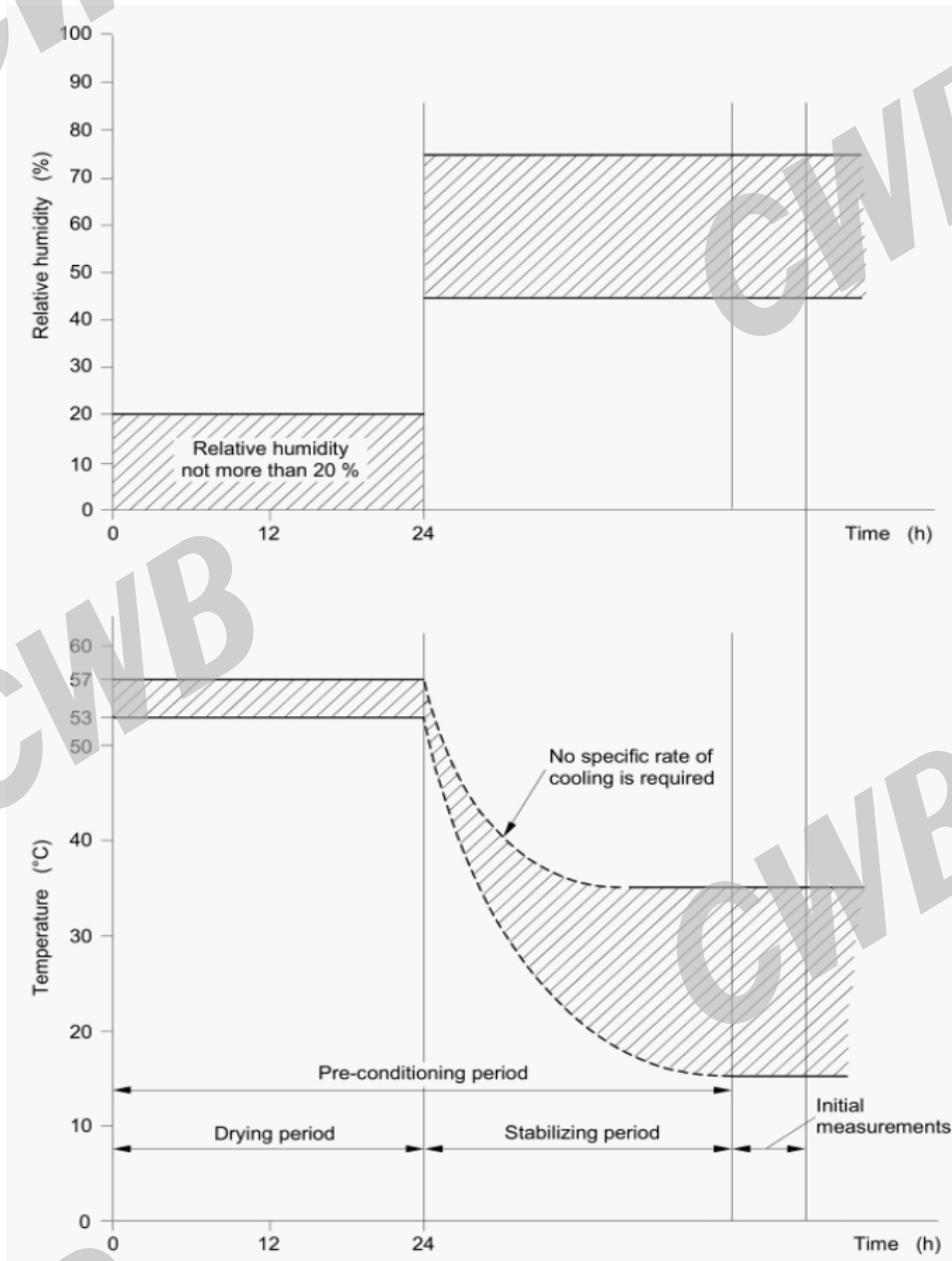


Fig.5 Preconditioning

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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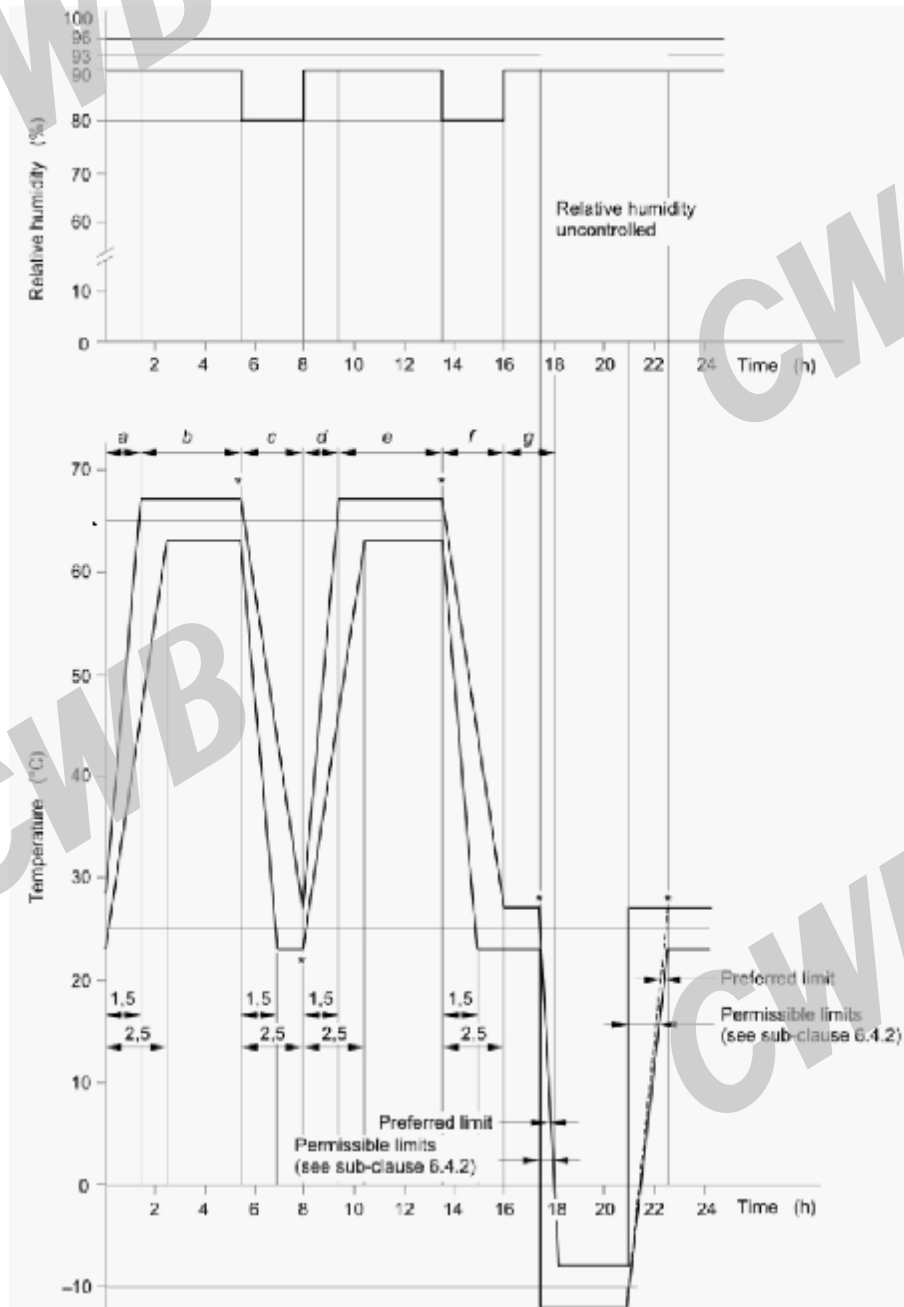


Fig.6 Exposure to humidity followed by exposure to cold

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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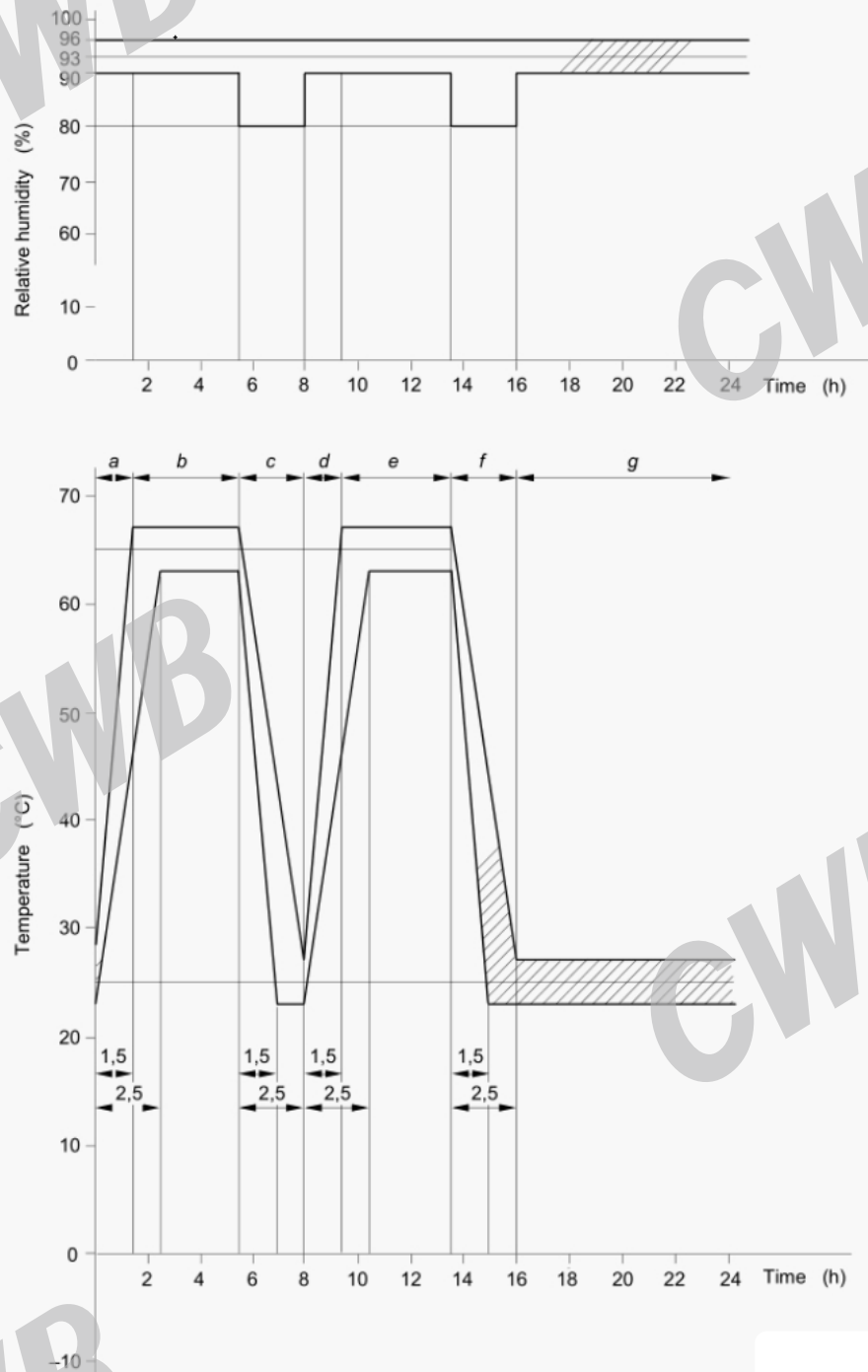
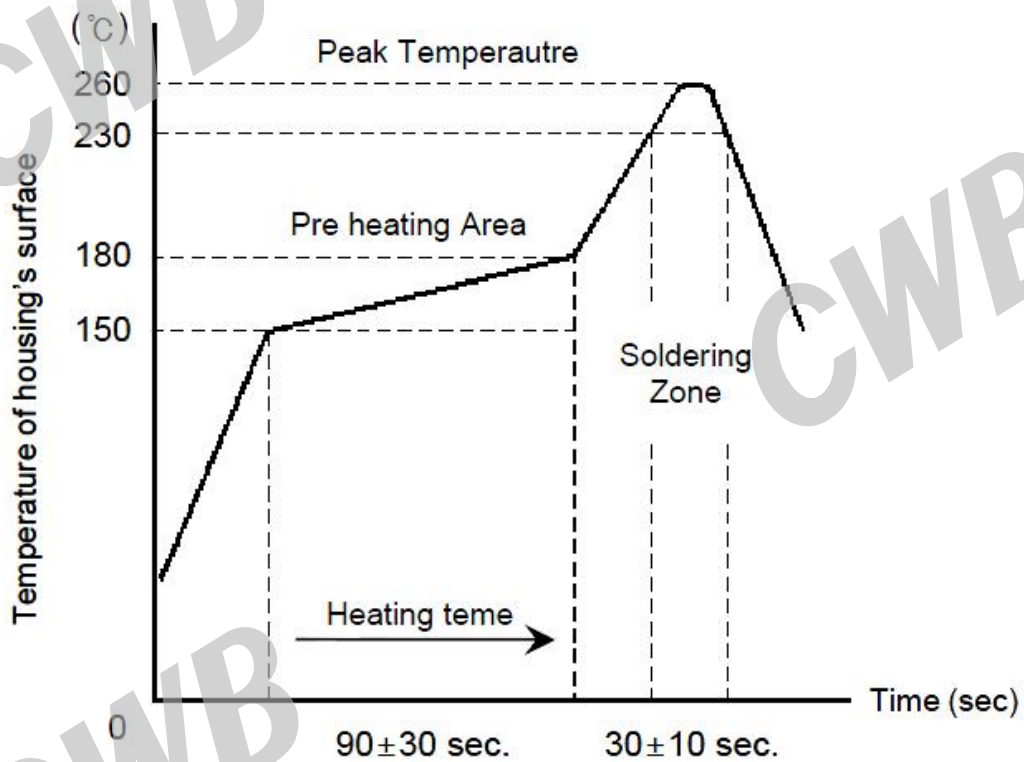


Fig.7 Exposure to humidity not followed by exposure to cold

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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**[Temperature profile for reflow soldering]**

Fig.8 Temperature profile for reflow soldering

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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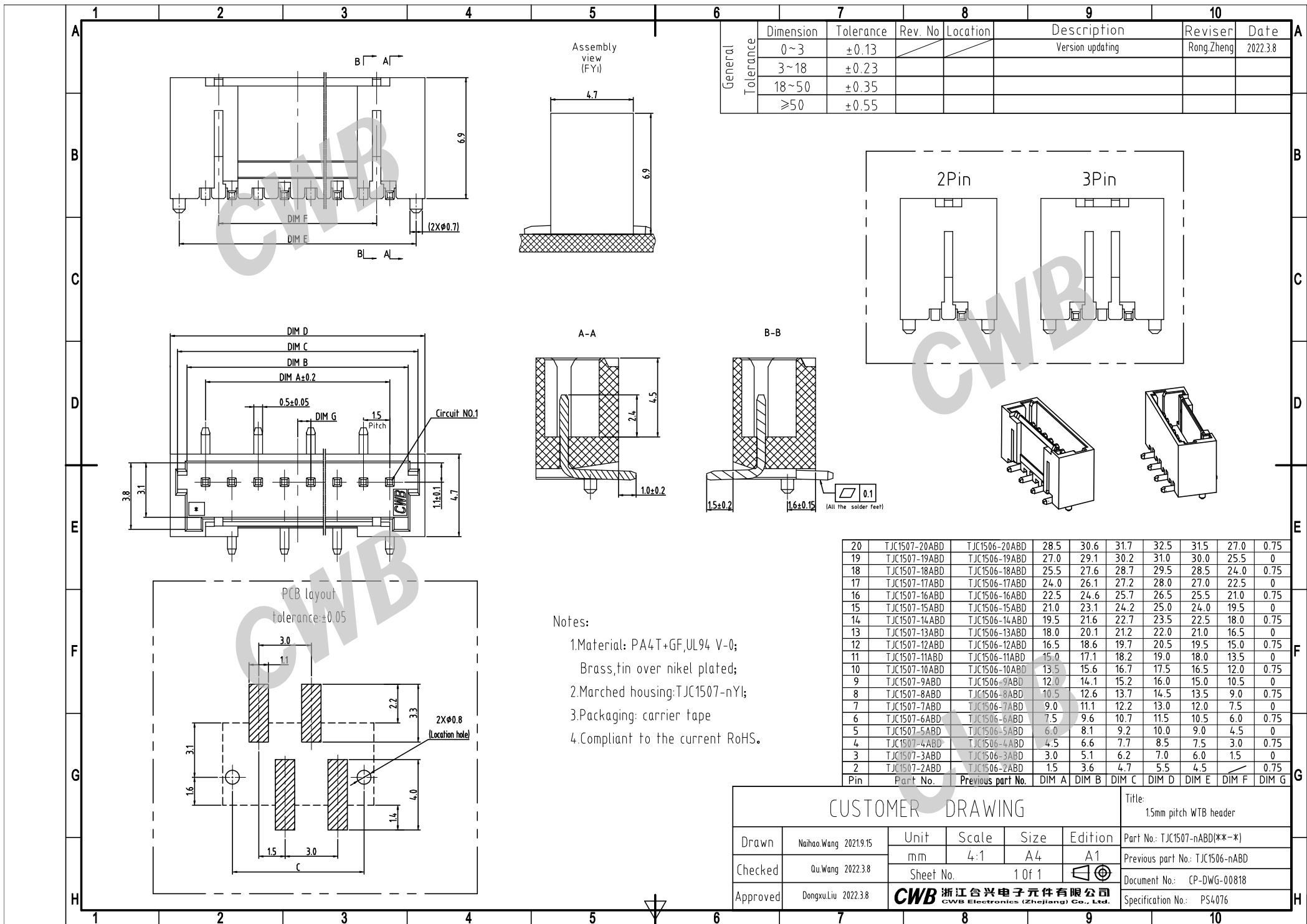


### 7.测试分组 Test sequences (Samples:5PCS)

测试组 Group number	A	B	C	D	E	F	G	H	I	J	K	L
外观 Appearance	1	1	1	1	1, 5	1, 5	1, 5	1, 5	1	1, 5	1, 5	1, 6
针的固定力 Pin retention force	2											
成品插入力与拔出力 Insertion and Withdrawal force for connecto		2										
压着部位抗张强度 Crimping pull out force			2									
面板安装力 Panel mounting force				2								
面板保持力 Panel retention force				3								
机械振动 Vibration					3							
机械冲击 Shock						3						
机械寿命 Durability							3					
接触电阻 Contact resistance					2, 4	2, 4	2, 4	2		2, 4	2, 4	2, 4
绝缘电阻 Insulation resistance								3				5
耐电压 Withstand voltage								4				
温升 Temperature rise									2			
耐高温 Heat resistance										3		
耐低温 Cold resistance											3	
温湿度循环 Humidity-Temperature cycling												3

测试组 Group number	M	O	P	Q	R	S	T	U	V	/	/	/
外观 Appearance	1, 5	1, 5	1, 6	1, 5	1	1	1, 3	1, 3	1, 3			
接触电阻 Contact resistance	2, 4	2, 4	2, 4	2, 4	2, 4	2, 4						
绝缘电阻 Insulation resistance	3		5									
温度循环 Temperature cycling		3										
恒定湿热 Humidity			3									
盐雾 Salt spray				3								
工业气体(SO <sub>2</sub> ) Industrial gas (SO <sub>2</sub> )					3							
硫化氢气体测试 (H <sub>2</sub> S gas test)						3						
耐溶剂性 Resistance to solvent							2					
可焊性 Solderability								2				
耐焊接热 Resistance to soldering heat									2			

产品名称 Product name	TJC1507 系列	编号 Document No.	PS4076	版本号 Version No.	1
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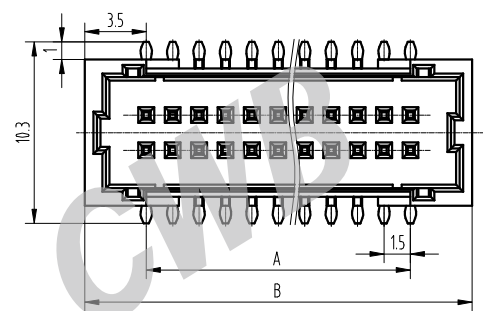
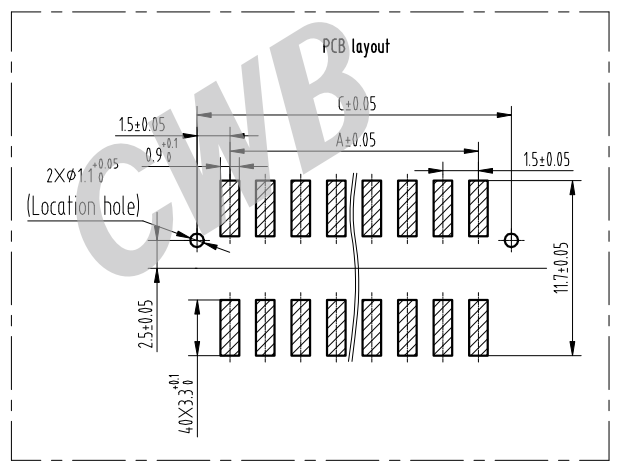
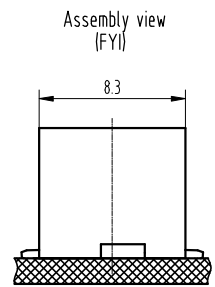
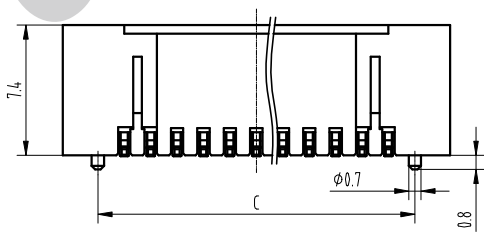
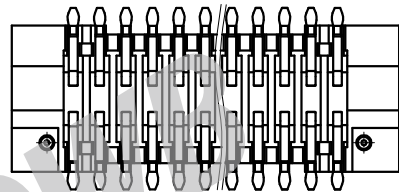
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		$\pm$ 0.13			Version updating	Rong.Zheng
3~18		$\pm$ 0.23					
18~50		$\pm$ 0.35					
$\geq$ 50		$\pm$ 0.55					

20	TJC1507-20ABD	TJC1506-20ABD	28.5	30.6	31.7	32.5	31.5	27.0	0.75
19	TJC1507-19ABD	TJC1506-19ABD	27.0	29.1	30.2	31.0	30.0	25.5	0
18	TJC1507-18ABD	TJC1506-18ABD	25.5	27.6	28.7	29.5	28.5	24.0	0.75
17	TJC1507-17ABD	TJC1506-17ABD	24.0	26.1	27.2	28.0	27.0	22.5	0
16	TJC1507-16ABD	TJC1506-16ABD	22.5	24.6	25.7	26.5	25.5	21.0	0.75
15	TJC1507-15ABD	TJC1506-15ABD	21.0	23.1	24.2	25.0	24.0	19.5	0
14	TJC1507-14ABD	TJC1506-14ABD	19.5	21.6	22.7	23.5	22.5	18.0	0.75
13	TJC1507-13ABD	TJC1506-13ABD	18.0	20.1	21.2	22.0	21.0	16.5	0
12	TJC1507-12ABD	TJC1506-12ABD	16.5	18.6	19.7	20.5	19.5	15.0	0.75
11	TJC1507-11ABD	TJC1506-11ABD	15.0	17.1	18.2	19.0	18.0	13.5	0
10	TJC1507-10ABD	TJC1506-10ABD	13.5	15.6	16.7	17.5	16.5	12.0	0.75
9	TJC1507-9ABD	TJC1506-9ABD	12.0	14.1	15.2	16.0	15.0	10.5	0
8	TJC1507-8ABD	TJC1506-8ABD	10.5	12.6	13.7	14.5	13.5	9.0	0.75
7	TJC1507-7ABD	TJC1506-7ABD	9.0	11.1	12.2	13.0	12.0	7.5	0
6	TJC1507-6ABD	TJC1506-6ABD	7.5	9.6	10.7	11.5	10.5	6.0	0.75
5	TJC1507-5ABD	TJC1506-5ABD	6.0	8.1	9.2	10.0	9.0	4.5	0
4	TJC1507-4ABD	TJC1506-4ABD	4.5	6.6	7.7	8.5	7.5	3.0	0.75
3	TJC1507-3ABD	TJC1506-3ABD	3.0	5.1	6.2	7.0	6.0	1.5	0
2	TJC1507-2ABD	TJC1506-2ABD	1.5	3.6	4.7	5.5	4.5	0	0.75
Pin	Part No.	Previous part No.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G

- Notes:
- Material: PA4T+GF,UL94 V-0;  
Brass,tin over nikel plated;
  - Marched housing:TJC1507-nYI;
  - Packaging: carrier tape
  - Compliant to the current RoHS.

CUSTOMER DRAWING						Title: 15mm pitch WTB header	
Drawn	Naihao.Wang 2021.9.15	Unit	Scale	Size	Edition	Part No.: TJC1507-nABD(**-*)	
Checked	Qu.Wang 2022.3.8	mm	4:1	A4	A1	Previous part No.: TJC1506-nABD	
Approved	Dongxu.Liu 2022.3.8	Sheet No.	1 Of 1		Document No.: CP-DWG-00818		Specification No.: PS4076
<b>CWB 浙江合兴电子元件有限公司</b> CWB Electronics (Zhejiang) Co., Ltd.							

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

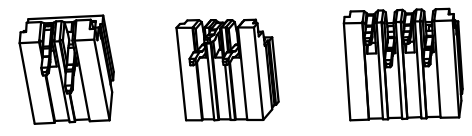
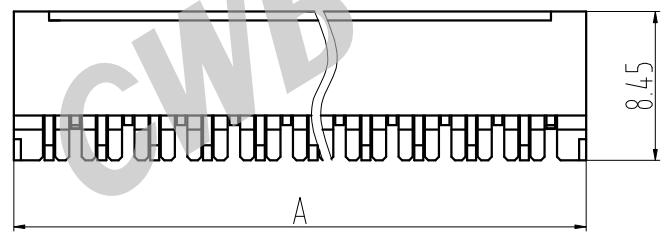


- Notes:
- Material: PA4T+GF,UL94 V-0;  
Brass,tin over nikel plated;
  - Marched housing:TJC1507-nYI;
  - Packaging:carrier tape
  - Compliant to the current RoHS.

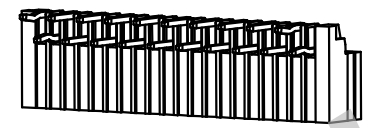
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38	TJC1507-2x19ABD	TJC1505-2x19ABD	27.0	34.0	30.0
36	TJC1507-2x18ABD	TJC1505-2x18ABD	25.5	32.5	28.5
34	TJC1507-2x17ABD	TJC1505-2x17ABD	24.0	31.0	27.0
32	TJC1507-2x16ABD	TJC1505-2x16ABD	22.5	29.5	25.5
30	TJC1507-2x15ABD	TJC1505-2x15ABD	21.0	28.0	24.0
28	TJC1507-2x14ABD	TJC1505-2x14ABD	19.5	26.5	22.5
26	TJC1507-2x13ABD	TJC1505-2x13ABD	18.0	25.0	21.0
24	TJC1507-2x12ABD	TJC1505-2x12ABD	16.5	23.5	19.5
22	TJC1507-2x11ABD	TJC1505-2x11ABD	15.0	22.0	18.0
Pin	Part No.	Previous part No.	DIM A	DIM B	DIM C

CUSTOMER DRAWING						Title: 15mm pitch WTB header	
Drawn	Naihao.Wang	2021.9.15	Unit	Scale	Size	Edition	Part No.: TJC1507-2XnABD(**-*)
Checked	Qu.Wang	2022.3.8	mm	1:1	A4	B0	Previous part No.:TJC1505-2XnABD
			Sheet No.	1 Of 1		Document No.: CP-DWG-01012	
Approved	Dongxu.Liu	2022.3.8	CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.			Specification No.: PS4076	

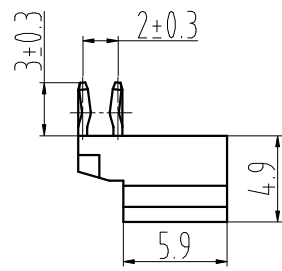
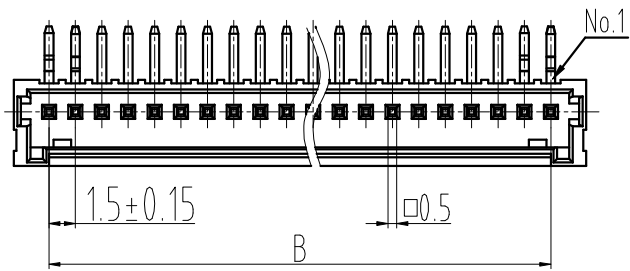
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13			Version updating	Rong.Zheng
3~18		±0.23					
18~50		±0.35					
≥50		±0.55					



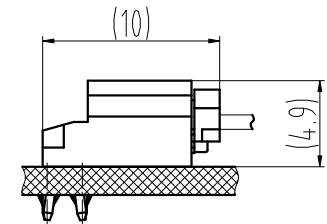
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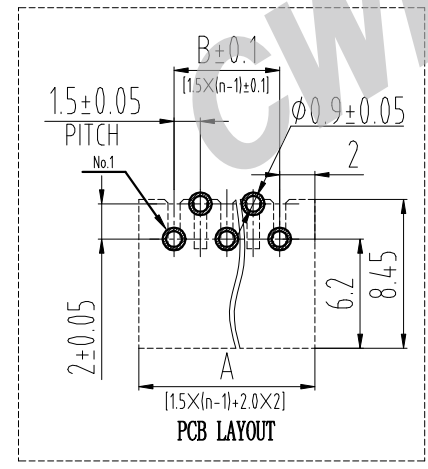
5~20pin



Assembly view (DIM FYI)



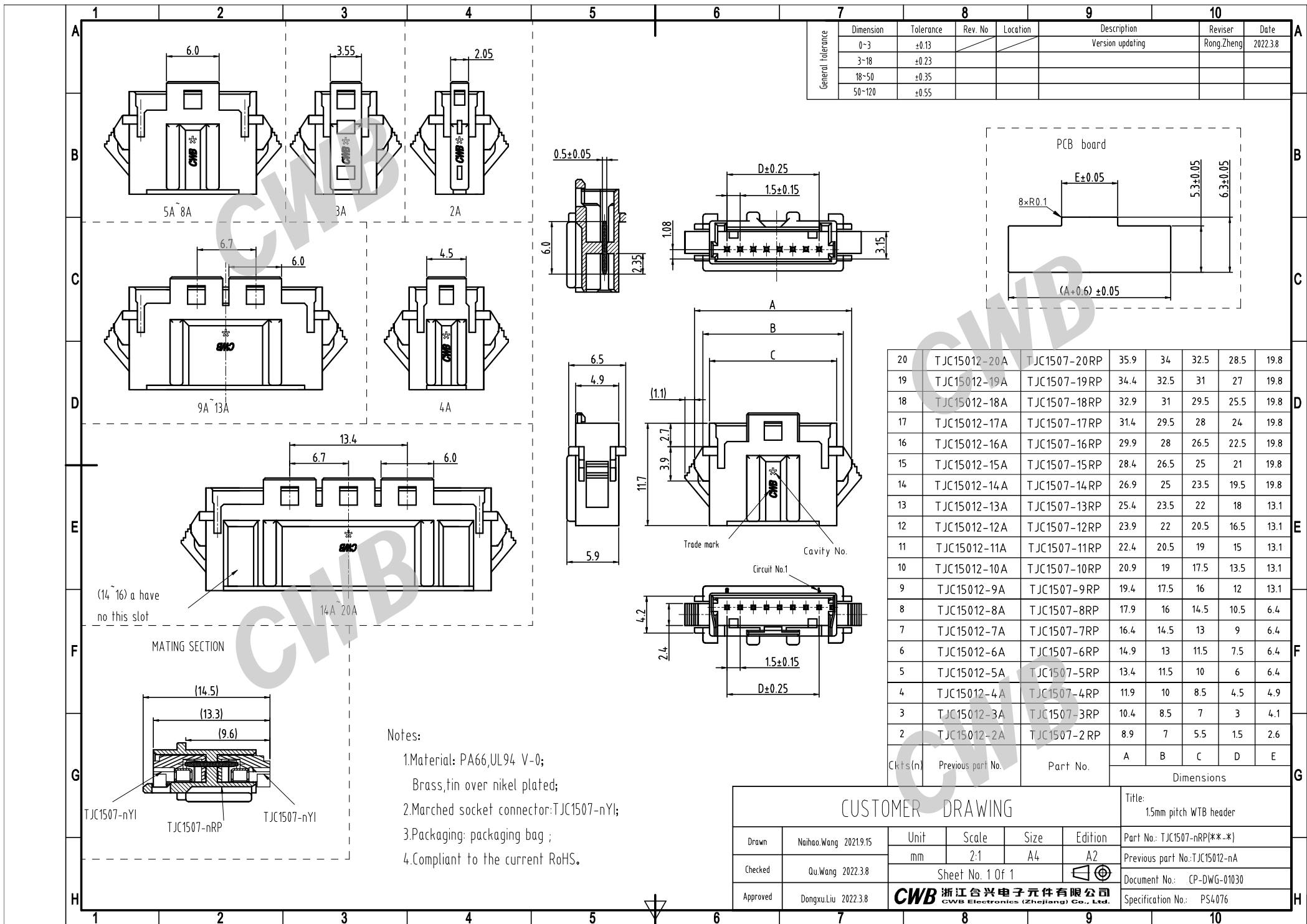
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19	TJC15013-19AWJ	TJC1507-19AWJK	31	27
18	TJC15013-18AWJ	TJC1507-18AWJK	29.5	25.5
17	TJC15013-17AWJ	TJC1507-17AWJK	28	24
16	TJC15013-16AWJ	TJC1507-16AWJK	26.5	22.5
15	TJC15013-15AWJ	TJC1507-15AWJK	25	21
14	TJC15013-14AWJ	TJC1507-14AWJK	23.5	19.5
13	TJC15013-13AWJ	TJC1507-13AWJK	22	18
12	TJC15013-12AWJ	TJC1507-12AWJK	20.5	16.5
11	TJC15013-11AWJ	TJC1507-11AWJK	19	15
10	TJC15013-10AWJ	TJC1507-10AWJK	17.5	13.5
9	TJC15013-9AWJ	TJC1507-9AWJK	16	12
8	TJC15013-8AWJ	TJC1507-8AWJK	14.5	10.5
7	TJC15013-7AWJ	TJC1507-7AWJK	13	9
6	TJC15013-6AWJ	TJC1507-6AWJK	11.5	7.5
5	TJC15013-5AWJ	TJC1507-5AWJK	10	6
4	TJC15013-4AWJ	TJC1507-4AWJK	8.5	4.5
3	TJC15013-3AWJ	TJC1507-3AWJK	7	3
2	TJC15013-2AWJ	TJC1507-2AWJK	5.5	1.5
Ckts(n)	Previous part No.	Part No.	Dimensions	
			A	B



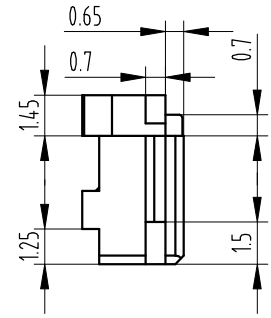
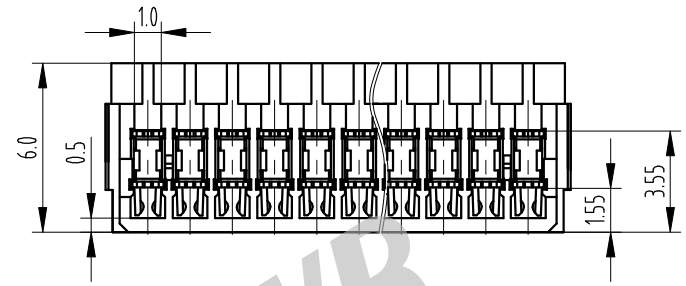
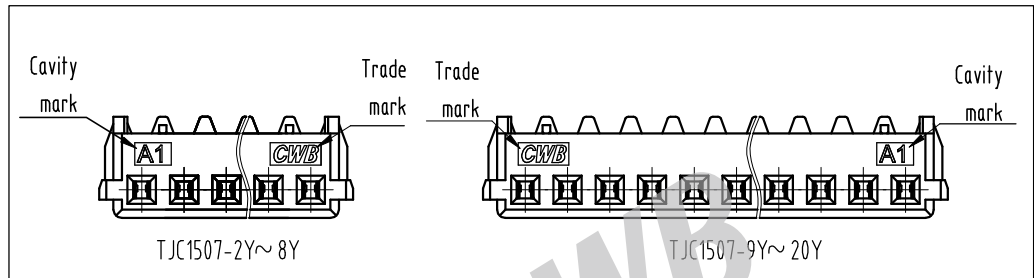
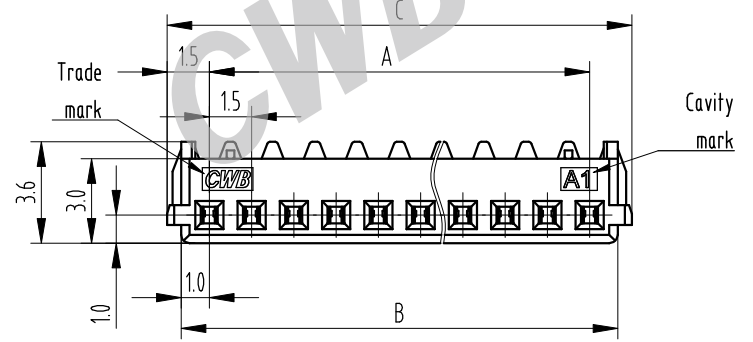
Notes:

- 1.Material: PA66+GF UL94 V-0 ; Brass,tin over nickel plated;
- 2.Matched housing: TJC1507-nYI;
- 3.Packaging: packing bag;
- 4.Compliant to the current RoHS.

CUSTOMER DRAWING						Title: 15mm pitch WTB header	
Drawn	Naihao.Wang 2021.9.15	Unit	Scale	Size	Edition	Part No.: TJC1507-2XnAWJK *(**-* )	
Checked	Qu.Wang 2022.3.8	mm	2:1	A4	A0	Previous part No.:TJC15013-nAWJ	
Approved	Dongxu.Liu 2022.3.8	Sheet No.	1 Of 1		Document No.: CP-DWG-01027		
<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	



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



Notes:

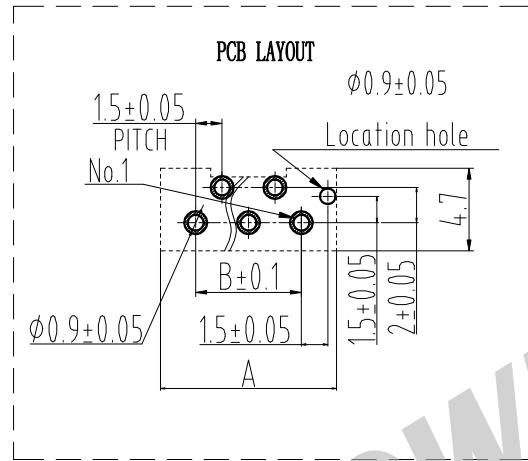
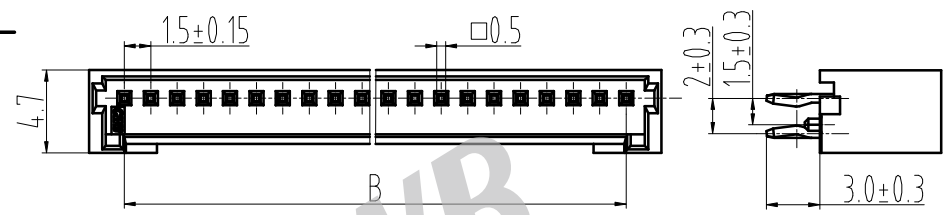
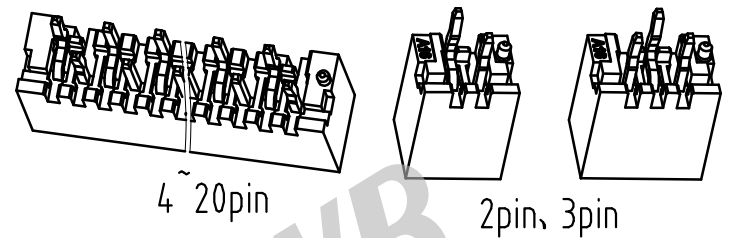
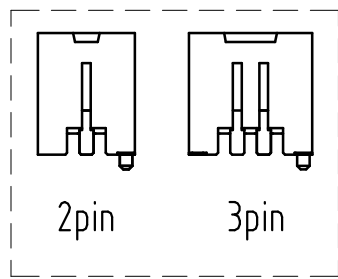
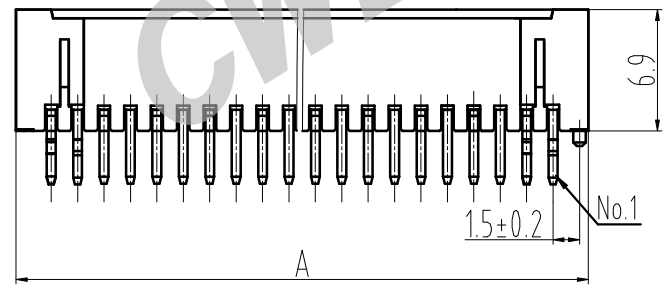
- Material:  
Housing: PA66+GF UL94 V-0  
Contact: Phosphor bronze,tin plated
- Wire size: AWG 26~AWG 28(0.13~0.08mm<sup>2</sup>)
- Packaging: packing bag;
- Compliant to the current RoHS.

Clts	Previous part No.	Part No.	Dimensions		
			A	B	C
20	TJC1507-20Y	TJC1507-20YI	28.5	30.5	31.5
18	TJC1507-18Y	TJC1507-18YI	25.5	27.5	28.5
17	TJC1507-17Y	TJC1507-17YI	24.0	26.0	27.0
16	TJC1507-16Y	TJC1507-16YI	22.5	24.5	25.5
15	TJC1507-15Y	TJC1507-15YI	21.0	23.0	24.0
14	TJC1507-14Y	TJC1507-14YI	19.5	21.5	22.5
13	TJC1507-13Y	TJC1507-13YI	18.0	20.0	21.0
12	TJC1507-12YI	TJC1507-12YI	16.5	18.5	19.5
11	TJC1507-11Y	TJC1507-11YI	15.0	17.0	18.0
10	TJC1507-10Y	TJC1507-10YI	13.5	15.5	16.5
9	TJC1507-9Y	TJC1507-9YI	12.0	14.0	15.0
8	TJC1507-8Y	TJC1507-8YI	10.5	12.5	13.5
7	TJC1507-7Y	TJC1507-7YI	9.0	11.0	12.0
6	TJC1507-6Y	TJC1507-6YI	7.5	9.5	10.5
5	TJC1507-5Y	TJC1507-5YI	6.0	8.0	9.0
4	TJC1507-4Y	TJC1507-4YI	4.5	6.5	7.5
3	TJC1507-3Y	TJC1507-3YI	3.0	5.0	6.0
2	TJC1507-2Y	TJC1507-2YI	1.5	3.5	4.5

CUSTOMER DRAWING						Title: 1.5mm pitch WTB receptacle	
Drawn	Naihao.Wang	2021.9.15	Unit	Scale	Size	Edition	Part No.: TJC1507-nYI *((**-*))
Checked	Qu.Wang	2022.3.8	mm	4:1	A4	B2	Previous part No.: TJC1507-nY
Approved	Dongxu.Liu	2022.3.8	Sheet No.	1 of 1			Document No.: CP-DWG-00479
CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	

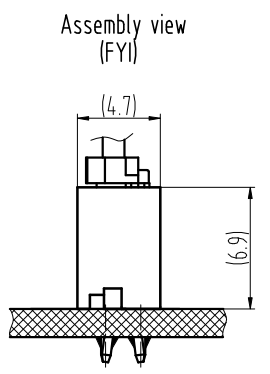


General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13			Version updating	Rong,Zheng
3~18		±0.23					
18~50		±0.35					
≥50		±0.55					



20	TJC1507-20ADK	TJC15011-20AD	32.5	28.5
19	TJC1507-19ADK	TJC15011-19AD	31	27
18	TJC1507-18ADK	TJC15011-18AD	29.5	25.5
17	TJC1507-17ADK	TJC15011-17AD	28	24
16	TJC1507-16ADK	TJC15011-16AD	26.5	22.5
15	TJC1507-15ADK	TJC15011-15AD	25	21
14	TJC1507-14ADK	TJC15011-14AD	23.5	19.5
13	TJC1507-13ADK	TJC15011-13AD	22	18
12	TJC1507-12ADK	TJC15011-12AD	20.5	16.5
11	TJC1507-11ADK	TJC15011-11AD	19	15
10	TJC1507-10ADK	TJC15011-10AD	17.5	13.5
9	TJC1507-9ADK	TJC15011-9AD	16	12
8	TJC1507-8ADK	TJC15011-8AD	14.5	10.5
7	TJC1507-7ADK	TJC15011-7AD	13	9
6	TJC1507-6ADK	TJC15011-6AD	11.5	7.5
5	TJC1507-5ADK	TJC15011-5AD	10	6
4	TJC1507-4ADK	TJC15011-4AD	8.5	4.5
3	TJC1507-3ADK	TJC15011-3AD	7	3
2	TJC1507-2ADK	TJC15011-2AD	5.5	1.5
Ckts(n)	Part No.	Previous part No.	A	B
			Dimensions	

- Notes:
1. Material: PA66+GF UL94 V-0;  
Brass, tin over nickel plating;
  2. Matched housing: TJC1507-nYI;
  3. Packaging: packing bag;
  4. Compliant to the current RoHS.

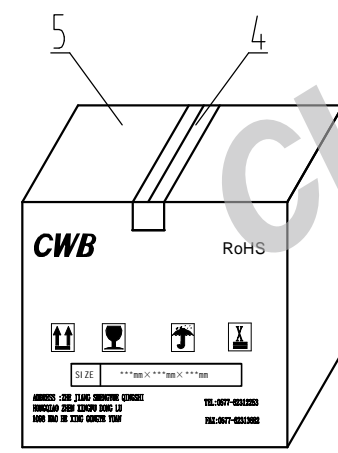
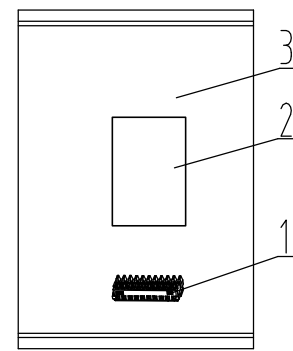


CUSTOMER DRAWING						Title: 1.5mm pitch WTB header	
Drawn	Naihao.Wang 2021.9.15	Unit	Scale	Size	Edition	Part No.:TJC1507-nADK *(**~*)	
Checked	Qu.Wang 2022.3.8	mm	2.5:1	A4	A0	Previous part No.:TJC15011-nAD	
Approved	Dongxu.Liu 2022.3.8	Sheet No.	1 Of 1		Document No.: CP-DWG-01031		Specification No.: PS4076
<b>CWB</b> 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	/	/	Version updating	Rong.Zheng	2022.3.8
3~18	±0.23						
18~50	±0.35						
50~120	±0.55						

Packing bag

Packing box

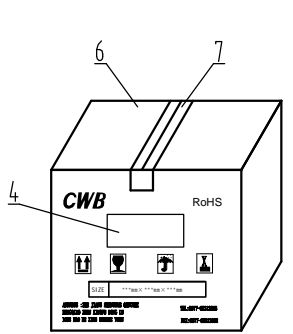
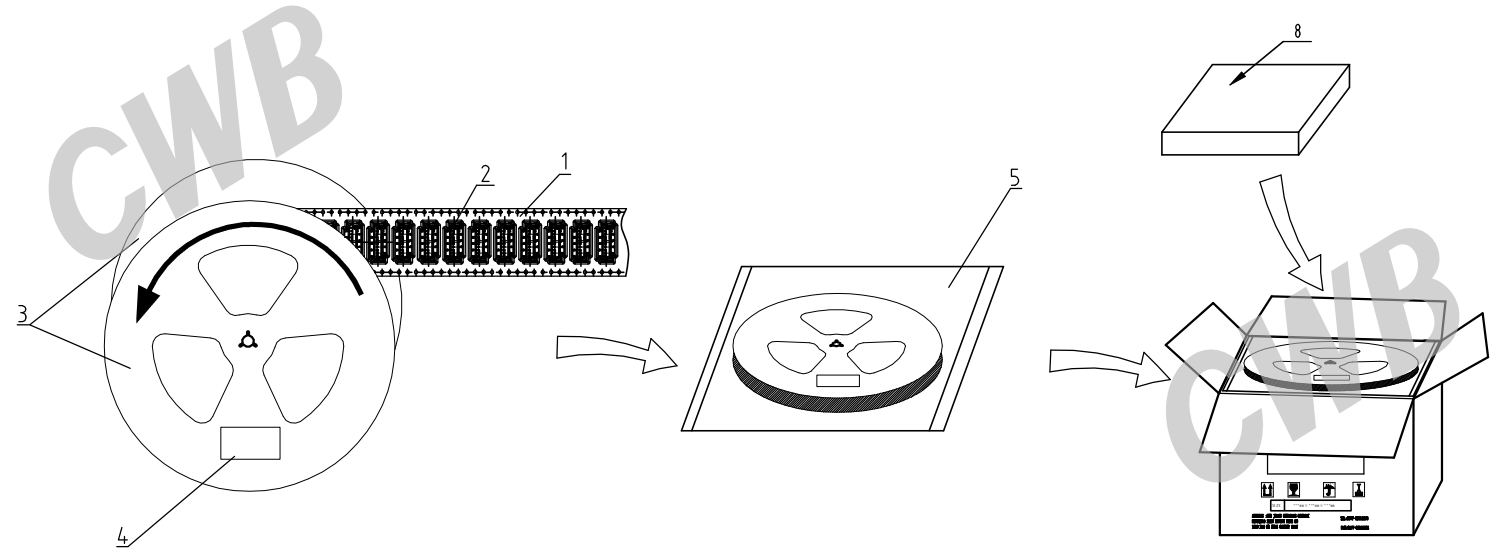


TJC1507-20Y1	TJC1507-20Y	1000	
TJC1507-18Y1	TJC1507-18Y	1000	
TJC1507-17Y1	TJC1507-17Y	1000	
TJC1507-16Y1	TJC1507-16Y	1000	
TJC1507-15Y1	TJC1507-15Y	1000	
TJC1507-14Y1	TJC1507-14Y	1000	
TJC1507-13Y1	TJC1507-13Y	1000	
TJC1507-12Y1	TJC1507-12Y	1000	
TJC1507-11Y1	TJC1507-11Y	1000	
TJC1507-10Y1	TJC1507-10Y	1000	
TJC1507-9Y1	TJC1507-9Y	1000	
TJC1507-8Y1	TJC1507-8Y	1000	
TJC1507-7Y1	TJC1507-7Y	1000	
TJC1507-6Y1	TJC1507-6Y	1000	
TJC1507-5Y1	TJC1507-5Y	1000	
TJC1507-4Y1	TJC1507-4Y	1000	
TJC1507-3Y1	TJC1507-3Y	1000	
TJC1507-2Y1	TJC1507-2Y	1000	

6	Packing box	TJC1507-7Y1	TJC1507-7Y	1000	
5	Gummed tape	TJC1507-6Y1	TJC1507-6Y	1000	
3	Packing bag	TJC1507-5Y1	TJC1507-5Y	1000	
2	Certificate	TJC1507-4Y1	TJC1507-4Y	1000	
1	TJC1507 Series receptacle	TJC1507-3Y1	TJC1507-3Y	1000	
Number	Designation	Part No.	Previous part No.	Pcs/bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang	2021.9.16	Unit	Scale	Size	Edition	
Checked	Qu.Wang	2022.3.8	mm	/	A4	B1	
Approved	Dongxu.Liu	2022.3.8	Sheet No.		1 Of 1	Previous part No.: TJC1507-nY	
CWB 浙江台兴电子元件有限公司						Document No.: BZ-DWG-00282	
CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4.076	

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

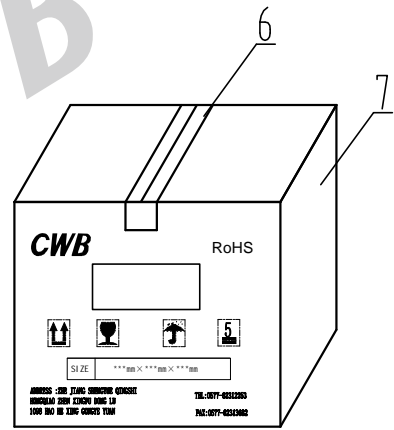
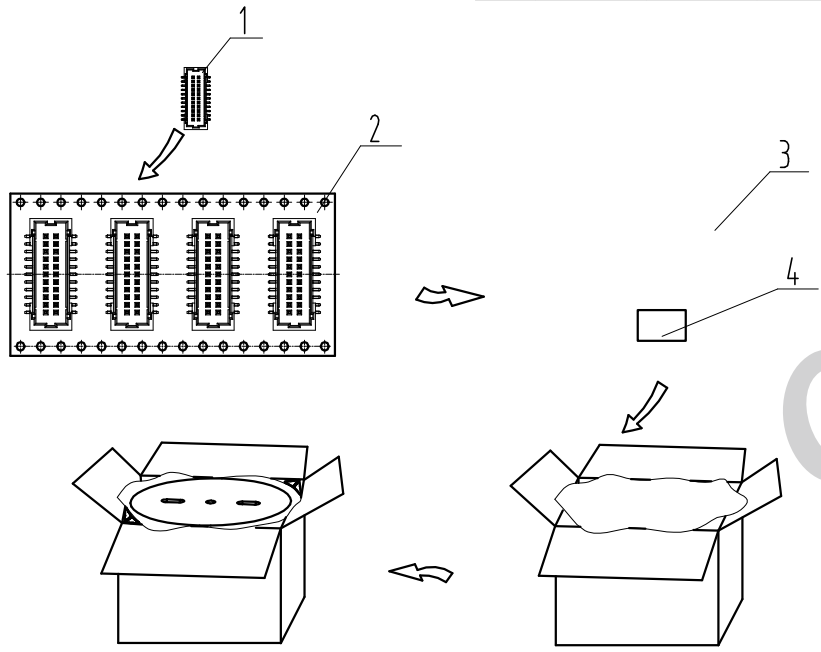


Number	Designation	Remarks
8	Pearl sponge	
7	Gummed tape	
6	Packing box	
5	Packing bag	
4	Certificate	
3	Plastic disc	φ380
2	TJC1507 Series header	900pcs/reel
1	Carrier tape	

Pos	Part name	Previous part No.	Qty./Box
20	TJC1507-20ABD	TJC1506-20ABD	4.5K
18	TJC1507-18ABD	TJC1506-18ABD	4.5K
14	TJC1507-14ABD	TJC1506-14ABD	4.5K
12	TJC1507-12ABD	TJC1506-12ABD	6.3K
10	TJC1507-10ABD	TJC1506-10ABD	6.3K
9	TJC1507-9ABD	TJC1506-9ABD	6.3K
8	TJC1507-8ABD	TJC1506-8ABD	7.2K
6	TJC1507-6ABD	TJC1506-6ABD	7.2K
5	TJC1507-5ABD	TJC1506-5ABD	7.2K
4	TJC1507-4ABD	TJC1506-4ABD	10.8K
3	TJC1507-3ABD	TJC1506-3ABD	10.8K
2	TJC1507-2ABD	TJC1506-2ABD	10.8K

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang	2021.9.16	Unit	Scale	Size	Edition	Part No.: TJC1507-nABD(**-*)
Checked	Qu.Wang	2022.3.8	mm	/	A4	B0	Previous part No.: TJC1506-nABD
Approved	Dongxu.Liu	2022.3.8	Sheet No.	1 of 1			Document No.: BZ-DWG-00482
<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	

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



7	Packing box	
6	Gummed tape	
5	Packing bag	
4	Certification	
3	Plastic disc	
2	Carrier tape	
1	TJC1507 Series header	400pcs/ree
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang	2021.9.16	Unit	Scale	Size	Edition	Part No.: TJC1507-2XnABD(**-*)
Checked	Qu.Wang	2022.3.8	mm	/	A4	B0	Previous part No.: TJC1505-2XnABD
Approved	Dongxu.Liu	2022.3.8	Sheet No.	1 Of 1			Document No.: BZ-DWG-00594
						Specification No.: PS4076	

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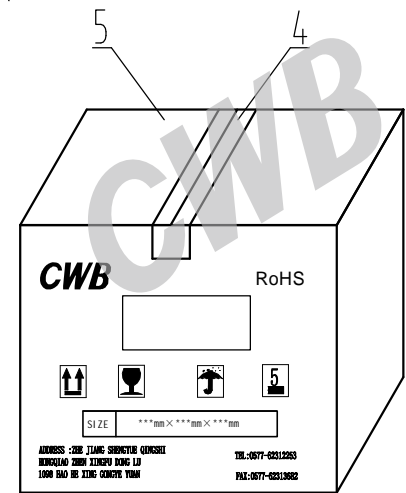
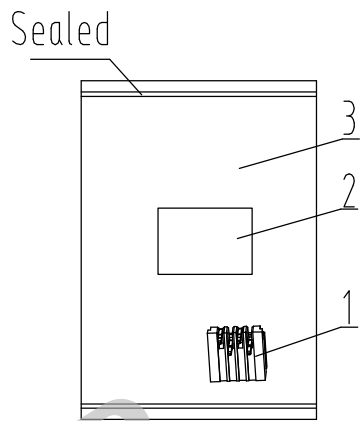
CWB 浙江合兴电子元件有限公司  
CWB Electronics (Zhejiang) Co., Ltd.

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

CWB

Packing bag

Packing box



CWB

		TJC1507-11AWJK	TJC15013-11AWJ	1000			
		TJC1507-10AWJK	TJC15013-10AWJ	1000	TJC1507-20AWJK	TJC15013-20AWJ	500
		TJC1507-9AWJK	TJC15013-9AWJ	1000	TJC1507-19AWJK	TJC15013-19AWJ	500
		TJC1507-8AWJK	TJC15013-8AWJ	1000	TJC1507-18AWJK	TJC15013-18AWJ	500
5	Outer packing box	TJC1507-7AWJK	TJC15013-7AWJ	1000	TJC1507-17AWJK	TJC15013-17AWJ	500
4	Gummed tape	TJC1507-6AWJK	TJC15013-6AWJ	1000	TJC1507-16AWJK	TJC15013-16AWJ	500
3	Packing bag	TJC1507-5AWJK	TJC15013-5AWJ	1000	TJC1507-15AWJK	TJC15013-15AWJ	500
		TJC1507-4AWJK	TJC15013-4AWJ	1000	TJC1507-14AWJK	TJC15013-14AWJ	1000
2	Certificate	TJC1507-3AWJK	TJC15013-3AWJ	1000	TJC1507-13AWJK	TJC15013-13AWJ	1000
1	TJC1507 Series header	TJC1507-2AWJK	TJC15013-2AWJ	1000	TJC1507-12AWJK	TJC15013-12AWJ	1000
Number	Designation	Part No.	Previous part No.	Pcs/bag	Part No.	Previous part No.	Pcs/bag

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang 2021.9.16	Unit	Scale	Size	Edition	Part No.: TJC1507-nAWJK *((*)-*)	
Checked	Qu.Wang 2022.3.8	mm	/	A4	B0	Previous part No.: TJC15013-nAWJ	
Approved	Dongxu.Liu 2022.3.8	Sheet No. 1 Of 1		1 Of 1		Document No.: BZ-DWG-00600	
CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	

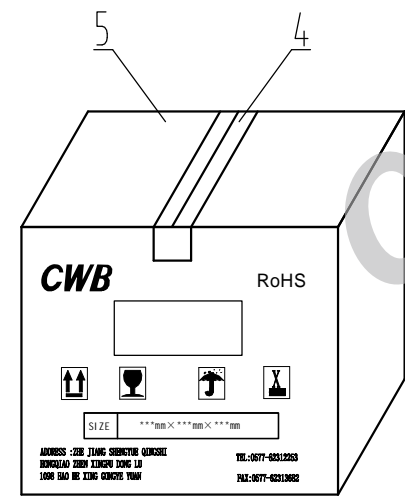
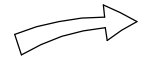
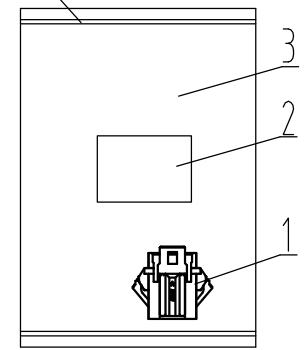


General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13			Version updating	Rong.Zheng
3~18		±0.23					
18~50		±0.35					
≥50		±0.55					

Packing bag

Packing box

Sealed



TJC15012-20A	TJC1507-20RP	500		
TJC15012-19A	TJC1507-19RP	500		
TJC15012-18A	TJC1507-18RP	500		
TJC15012-17A	TJC1507-17RP	500		
TJC15012-16A	TJC1507-16RP	500		
TJC15012-15A	TJC1507-15RP	500		
TJC15012-14A	TJC1507-14RP	500		
TJC15012-13A	TJC1507-13RP	500		
TJC15012-12A	TJC1507-12RP	500		
TJC15012-11A	TJC1507-11RP	500		
TJC15012-10A	TJC1507-10RP	500		
TJC15012-9A	TJC1507-9RP	1000		
TJC15012-8A	TJC1507-8RP	1000		
TJC15012-7A	TJC1507-7RP	1000		
TJC15012-6A	TJC1507-6RP	1000		
TJC15012-5A	TJC1507-5RP	1000		
TJC15012-4A	TJC1507-4RP	1000		
TJC15012-3A	TJC1507-3RP	1000		
TJC15012-2A	TJC1507-2RP	1000		
Number	Designation	Previous part No.	Part No.	Pcs/bag

5	Packing box
4	Gummed tape
3	Packing bag
2	Certificate
1	TJC1507 Series header

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang	2021.9.16	Unit	Scale	Size	Edition	Part No.: TJC1507-nRP(**-*)
Checked	Qu.Wang	2022.3.8	mm	/	A4	B0	Previous part No.: TJC15012-nA
Approved	Dongxu.Liu	2022.3.8	Sheet No.	1 Of 1			Document No.: BZ-DWG-00603
<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	

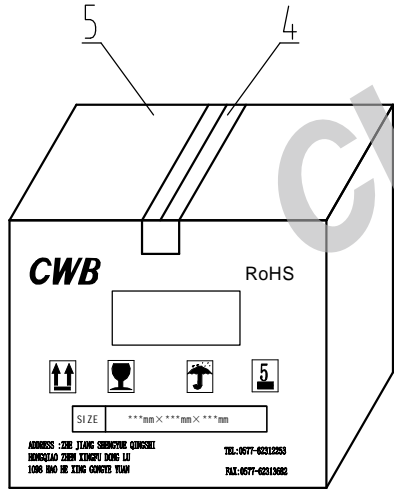
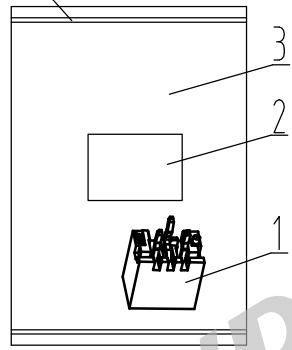


General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3		±0.13			Version updating	Rong.Zheng
3~18		±0.23					
18~50		±0.35					
≥50		±0.55					

Packing bag

Packing box

Sealed



TJC15012-20A	TJC1507-20ADK	500		
TJC15012-19A	TJC1507-19ADK	500		
TJC15012-18A	TJC1507-18ADK	500		
TJC15012-17A	TJC1507-17ADK	500		
TJC15012-16A	TJC1507-16ADK	500		
TJC15012-15A	TJC1507-15ADK	500		
TJC15012-14A	TJC1507-14ADK	1000		
TJC15012-13A	TJC1507-13ADK	1000		
TJC15012-12A	TJC1507-12ADK	1000		
TJC15012-11A	TJC1507-11ADK	1000		
TJC15012-10A	TJC1507-10ADK	1000		
TJC15012-9A	TJC1507-9ADK	1000		
TJC15012-8A	TJC1507-8ADK	1000		
TJC15012-7A	TJC1507-7ADK	1000		
TJC15012-6A	TJC1507-6ADK	1000		
TJC15012-5A	TJC1507-5ADK	1000		
TJC15012-4A	TJC1507-4ADK	1000		
TJC15012-3A	TJC1507-3ADK	1000		
TJC15012-2A	TJC1507-2ADK	1000		
Number	Designation	Previous part No.	Part No.	Pcs/bag

5	Packing box
4	Gummed tape
3	Packing bag
2	Certificate
1	TJC1507 Series header

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Naihao.Wang 2021.9.16	Unit	Scale	Size	Edition	Part No.: TJC1507-nADK (**-*)	
Checked	Qu.Wang 2022.3.8	mm	/	A4	B0	Previous part No.: TJC15011-nAD	
Approved	Dongxu.Liu 2022.3.8	Sheet No. 1 of 1				Document No.: BZ-DWG-00604	
<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.						Specification No.: PS4076	

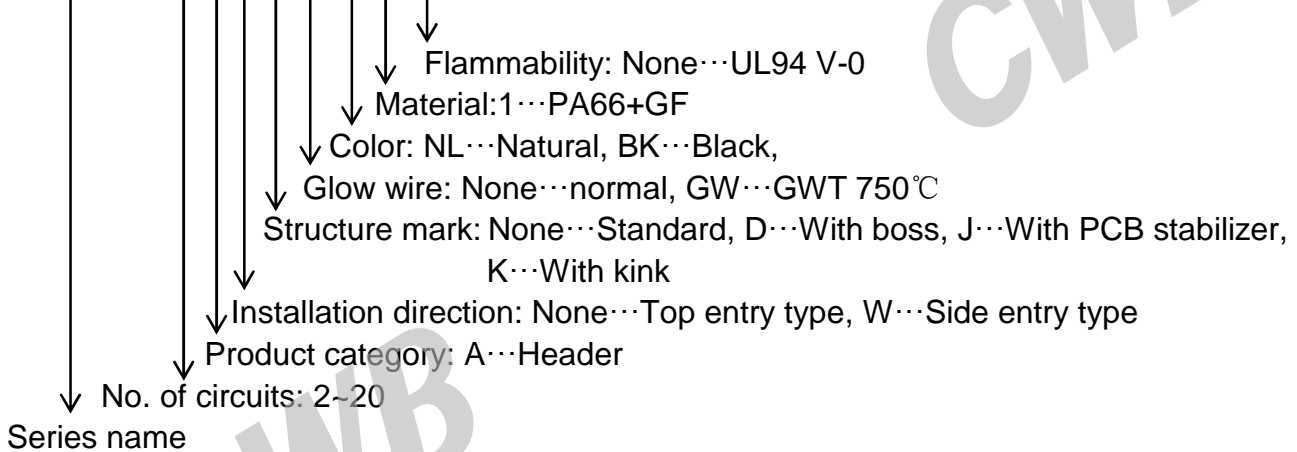
## TJC1507 系列命名规则

### TJC1507 series naming conventions

#### 1. DIP Header

TJC1507-nADK (\*\*-\*), TJC1507-nAWJK (\*\*-\*)

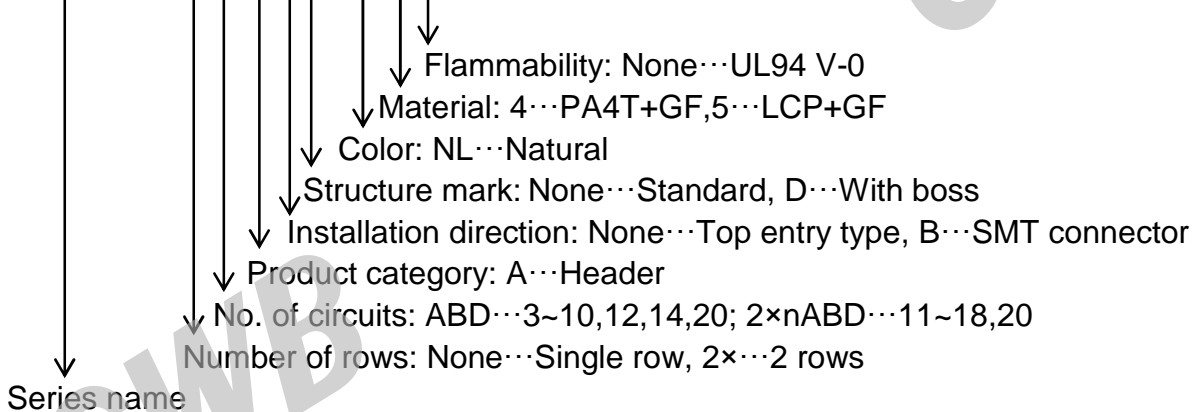
TJC1507 - n A \* \* \* (\*\* \* - \*)



#### 2. SMT Header

TJC1507-nABD (\*\*-\*), TJC1507-2×nABD (\*\*-\*)

TJC1507 - 2× n A \* \* \* (\*\* \* - \*)



### 3. Receptacle

TJC1507-nYI (\*\*-\*)

TJC1507 - n Y I (\*\*\* -\*)

↓ Series name

↓ Flammability: None...UL94 V-0

↓ Material: 1...PA66+GF

↓ Color: NL...Natural, BK...Black

↓ Glow wire: None...normal, GW...GWT 750°C

↓ I: IDC connector

↓ Product category: Y...Housing

↓ No. of circuits: 6~8, 13~17, 20

### 4. Relay

TJC1507-nRP (\*\*-\*)

TJC1507 - n R P (\*\*\* -\*)

↓ Series name

↓ Flammability: None...UL94 V-0

↓ Material: None...PA66

↓ Color: WT...White

↓ P...Panel mount

↓ R...Relay

↓ No. of circuits: 2~20