



# 产品规格书

## PRODUCT SPECIFICATION

产品描述: TJC2508 Connector

Product Description: TJC2508 Connector

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 <b>浙江合兴电子元件有限公司</b> CWB Electronics (Zhejiang) Co., Ltd.	制定 Edit: 王曲 2016.3.21	产品名称 Product Name: TJC2508
	审核 Check: 王曲 2019.1.11	编号 Document No.: PS3875
中国·浙江省乐清市虹桥镇幸福东路 1098 号 合兴工业园 1098,Xingfu`Road(East),CWB Industrial Zone,Hongqiao,Yueqing,Zhejiang 325608,China Tel: 86-577-61313157 Fax: 86-577-62313681	批准 Approval: 刘冬旭 2019.1.12	版本 REVISION: 4



# 产品规格书

## PRODUCT SPECIFICATION

### 1. 更改履历 Change History

序号 No.:	版本号 Version No.	更改前描述 Description Before Modification	更改后描述 Description After Modification	日期 Date
1	1	PS0880/PS0881/PS0989/PS1123/PS1124/PS1477/PS1478/PS1887//PS1888/PS3691/PS3706/PS3707/PS3709/PS3712/PS0926/PS1066/PS1085/PS1224	PS3875 (新版规格书整理)	2015.11.17
2	2	/	版本升级	2016.3.21
3	3	/	TJC2508-nAWJ 针座增加材料	2018.8.4
4	4	/	更改公司 logo	2019.1.10
5				

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### 2. 适用范围 Scope

本产品规格书适用于浙江合兴电子元件有限公司生产的 **CTB 2.5P 阴型 & 阳型电子连接器**，产品名称：**TJC2508**。

This product specification covers the requirement for **Cable to Board 2.5mm pitch Receptacle & Plug connector**, which is designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: **TJC2508**.

### 3. 产品描述 Product Description

TJC2508 系列产品为家电连接器产品，产品部件组成如下：

The TJC2508 series connector designed for home appliances connection. Part checklist as following form:

Name	Part name	Notes
阳连接器 header	TJC2508-nA	Wafer: PA66 UL94 V-0/ PA66 UL94 V-2 Post: Brass, Tin plating
阳连接器 header	TJC2508-nAW	Wafer: PA66 UL94 V-0 Post: Brass, Tin plating
阳连接器 header	TJC2508-nAWJ	Wafer: PA66 UL94 V-0/PA66 UL94 V-2 GW750°C Post: Brass, Tin plating
阴连接器孔座 housing,	TJC2508-nY	PA66 UL94 V-0/ UL94 V-0 GWT750°C
阳连接器 header	TJC2508B-3A	Wafer: PA66 UL94 V-2 Post: Brass, Tin plating
阴连接器孔座 housing,	TJC2508B-3Y	PA66 UL94 V-2
插簧 Contact	TJC2508	Phosphor bronze, Tin plating

### 4. 相关标准 Related Standards

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

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

GB/T 2421 电工电子产品环境试验 第一部分 总则  
Testing Method for Environmental of Electrical Connectors Class 1: General Principles

GB/T 2423 电工电子产品环境试验方法  
Testing Method for Environmental of Electrical Connectors

GB/T 2424 电工电子产品环境试验导则  
Testing Method for Environmental of Electrical Connectors

GB/T 5095 电子设备用机电元件基本试验规程及测量方法  
Testing procedure/Method for components of electric equipment

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

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

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### 5. 参数范围 Parameter Ratings

额定电流 Rated Current	3A [AC(有效值 rms)/DC]
适用 PCB 板 Applicable P.C.B	Board Thickness: <b>0.8mm-1.6mm</b> Hole Diameter: <b>0.9mm-1.0mm</b>
额定电压 Rated Voltage	<b>250V</b> [AC(有效值 rms)/DC]
使用温度范围 Operating temperature range	-25°C ~ +85°C
适用线型 Applicable wires	Wire Size: <b>AWG28~AWG22 (0.08mm<sup>2</sup>-0.33mm<sup>2</sup>)</b> Insulation Diameter: <b>1.2mm-1.6mm</b>

### 6. 产品性能 Performance

#### 6.1 机械性能 Mechanical

序号 No.	项目 Item	测试条件 Test Condition	规格 Requirement	
6.1.1	外观 Appearance	目测 Checking by eye 视力: 1.0 以上 Eyesight: > 1.0 照明: (200~300) lx Lamp: (200~300) lx 目测距离: (0.3~0.5) m Space: (0.3~0.5) m <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	端子的插入力与固定力 Insertion force and Retention Force for terminal	固定连接器和/或测力计, 在连接器轴线方向插入和拔出; 速度不大于 25 ± 3 mm/min Axial Insert and withdraw force on the terminal in the housing at a rate of 25 ± 3 mm per minute. <b>GB/T 5095.8 Method 15d / EIA-364-29B</b>	插入力 (Insertion) MAX	固定力(Retention) MIN
			10N	25N
6.1.3	针的固定力 Pin Retention Force	固定连接器和/或测力计, 在连接器轴线方向施加规定的推力 Apply axial push force at the speed rate of 25mm/minute on the terminal assembled in the base <b>GB/T5095.8Method 15a / EIA-364-08B</b>	20N MIN	
6.1.4	压着部位抗张强度 Crimping Pull Out Force	在试验装置夹头中固定试验样品, 在连接的轴线方向施加张力;速度不大于25mm/min Fix the crimped terminal, Axial pull out force on the terminal in the housing at a rate less than 25 mm per minute. <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.	

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			PIN	首次插入力 (Insertion 1st ) MAX	首次拔出力 Withdrawal (1st) MIN	五十次后插 入力 (Insertion 50st ) MAX	五十后次 拔出力 Withdrawal (50st) MIN
6.1.5	成品插入力与 拔出力 Insertion and Withdrawal Force for Connector	固定连接器和/或测力计, 在连接器轴线方向插入和拔出; 速度不大于 <b>25mm/min</b> . Apply Axial Insert and withdraw force on the terminal in the housing at a rate less than <b>25 mm/min</b> . <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	2	≤20	≥4	≤18	≥3
			3	≤25	≥6	≤23	≥4
			4	≤30	≥8	≤28	≥6
			5	≤35	≥9	≤33	≥7
			6	≤40	≥10	≤38	≥8
			7	≤45	≥11	≤43	≥9
			8	≤50	≥12	≤48	≥10
			9	≤55	≥13	≤53	≥11
			10	≤60	≥14	≤58	≥12
			11	≤65	≥15	≤63	≥13
			12	≤70	≥16	≤68	≥14
			13	≤75	≥17	≤73	≥15
			14	≤80	≥18	≤78	≥16
			15	≤85	≥19	≤83	≥17
			6.1.6	机械振动 Random Vibration	<p>插合连接器, 串联在一直流电源上, 电流<b>100mA</b>; 并模拟正常工作状态; 振频为 <b>(10~55~10) Hz</b>, 每个循环时间为1分钟, 振幅<b>1.52mm</b>。沿XYZ三轴正反方向各循环<b>2h</b>。</p> <p>Mated connectors subjected to following vibration conditions, for a period of <b>2 hours</b> in each of 3 mutually perpendicular axes, <b>100 mA</b> current shall be applied. Frequency: <b>(10~55~10) HZ/min</b>. Amplitude: <b>1.52mm</b> <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) 接触电阻: 0.02Ω Max. Contact resistance: 0.02Ω Max. 中断: 1μsec Max. &lt;1μsec discontinuity</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<b>3次</b>(总共<b>18次</b>), 在测试过程中通以<b>100mA</b>电流。 冲击强度: <b>490m/s<sup>2</sup></b> 持续时间: <b>11ms</b></p> <p>Mated connectors and subject to the following shock conditions, <b>3times</b> of shock shall be applied for each 6 directions along 3 mutually perpendicular axes, passing DC <b>100mA</b> current during the test.(Total of 18 shocks) Test Pulse: Half Sine Peak Value: <b>490m/s<sup>2</sup></b> Duration: <b>11ms</b> <b>GB/T 5095.4 Method 6c / EIA-364-27B</b></p>	<p>外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02Ω Max. Contact resistance: 0.02Ω Max. 中断: 1μsec Max. &lt;1μsec discontinuity</p>				
6.1.8	机械寿命 Durability	<p>以每分钟 <b>10</b> 次的速度插拔 <b>50</b> 次。 <b>50 cycles</b> mating and unmating test at the speed <b>10</b> cycles per minute <b>GB/T 5095.5 Method 9a / EIA-364-09C</b></p>	<p>外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02Ω Max. Contact resistance: 0.02Ω Max.</p>				

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### 6.2 电气性能 Electrical

序号 No.	项 目 Item	测试条件 Test Condition	规格 Requirement
6.2.1	接触电阻 Contact Resistance	插配阴阳连接器后,用小功率电路进行测试 Mated connectors with dry circuit to test Contact Resistance <b>GB/T 5095.2 Method 2a / EIA-364-23B</b>	0.01 $\Omega$ Max. (Initial) 0.02 $\Omega$ Max. (Final)
6.2.2	绝缘电阻 Insulation Resistance	在相邻接触件之间或地线之间,用 500V DC 电压进行测试. Apply a voltage of 500V DC between adjacent terminals and between terminals to ground. <b>GB/T 5095.2 Method 3a / EIA-364-21B</b>	1000 M $\Omega$ Min. (Initial) 500 M $\Omega$ Min. (Final)
6.2.3	耐电压 Withstand Voltage	相邻接触件之间或地线之间施加 1000V AC (有效值),漏电流 1mA 的电压作用,时间 1min. Apply a voltage of AC 1000V for 1 minute between adjacent terminals and between terminals to ground. <b>GB/T 5095.2 Method 4a / EIA-364-20B</b>	外观: 无击穿和飞弧现象 Appearance: No Breakdown or flashover
6.2.4	温升 Temperature Rise	插合连接器, 通以最大允许电流, 测温度的差值 Mated connectors and measure the temperature rise of contact when the maximum AC rated current is passed. <b>GB/T 5095.3 Method 5e / EIA-364-70A</b>	$\Delta 30^{\circ}\text{C}$ Max.

### 6.3 环境性能 Environmental

序号 No.	项 目 Item	测试条件 Test Condition	规格 Requirement
6.3.1	耐高温 Heat Resistance	连接器配合后, 于 $85\pm 2^{\circ}\text{C}$ 的空气中放置 96 小时, 再回到室温中放置 1-2 小时测定 Mated connectors exposed to the condition of $85\pm 2^{\circ}\text{C}$ for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11i / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max.
6.3.2	耐低温 Cold Resistance	连接器配合后, 于 $-25\pm 2^{\circ}\text{C}$ 的空气中放置 96 小时, 再回到室温中放置 1-2 小时测定。 Mated connectors exposed to the condition of $-25\pm 2^{\circ}\text{C}$ for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11j / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max.
6.3.3	恒定湿热 Humidity	温度 $40\pm 2^{\circ}\text{C}$ , 相对湿度(90~95)% 搁置时间 96h, 取出恢复 1~2h 后检查。 Mated connectors exposed to the condition of $40\pm 2^{\circ}\text{C}$ (90~95) % Humidity for 96 hours. Recovery time 1~2 hours <b>GB/T 5095.6 Method 11c / EIA-364-31B</b>	外观: 无损伤 (参照6.1.1) Appearance: No damage.( refer to 6.1.1) 接触电阻: 0.02 $\Omega$ Max. Contact resistance: 0.02 $\Omega$ Max. 绝缘电阻: 500 M $\Omega$ Min. Insulation Resistance : 500 M $\Omega$ Min. 耐电压: 1000V,AC/minute Dielectric Strength: 1000V,AC/minute

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6.3.4	<p>温度循环 Temperature Cycling</p>	<p>把试验样品分别放入高、低温试验箱中，按下列步骤调 试温度： a) 在(-55±2)℃的恒温条件下放置 0.5h； b) 在(85±2)℃的恒温条件下放置 0.5h； 从 a)到 b)为一个循环周期，共进行 5 个循环,恢复 1~2h 后检查。 Mated connectors shall be tested under the following conditions Temperature °C                      Duration (Minutes) 1            -55                                      30 2            +25                                        5Max. 3            +85                                         30 4            +25                                        5Max. Step 1 to 4 is one cycle,5 cycles shall be tested. Recovery time 1~2 hours. <b>GB/T 5095.6 method 11d / EIA-364-32C</b></p>	<p>外观：无损伤（参照6.1.1） Appearance: No damage.( refer to 6.1.1) 接触电阻：0.02Ω Max。 Contact resistance: 0.02Ω Max. 绝缘电阻：500 MΩ Min。 Insulation Resistance : 500 MΩ Min.</p>
6.3.5	<p>盐雾 Salt Spray</p>	<p>把试验样品从试验箱顶悬挂下来，采用浓度为(5±1)%(质 量百分比)的氯化钠溶液，在(35±2)℃温度下连续雾化 48h,试验后用流动的蒸馏水轻轻洗去表面沉积物。在常温 常湿条件下恢复 1~2h 48 hours spray, at temp (35±2)℃, Salt NaCl mist (5±1)% After test wash parts and return to room ambient for 1~2 hours <b>GB/T 5095.6 Method 11f /EIA-364-26B</b></p>	<p>外观：无损伤(五金件应无露出底金属的严重锈蚀;使用预镀好 的型材，其落料面允许有不影响其性能的轻微腐蚀。) Appearance: No Damage (No erosion with material exposed. And with plating material,slight erosion on the cutting surface is acceptable) 接触电阻：0.02Ω Max。 Contact resistance: 0.02Ω Max.</p>
6.3.6	<p>可焊性 Solderability</p>	<p>把试验样品需要焊接的部位浸入焊锡炉中，锡炉温度 (240±5)℃，时间(2±0.5)s Dip solder tails into the molten solder(held at (240±5) °C for (2 ±0.5) sec. <b>GB/T 5095.6 Method 12a / EIA-364-52</b></p>	<p>上锡率≥90%： Solder coverage: ≥90%</p>
6.3.7	<p>耐焊接热 Resistance to Soldering Heat</p>	<p>把试验样品需要焊接的部位浸入焊锡炉中,锡炉温度 (260±5)℃；时间(5±1)s后，在正常条件下恢复 1~2h。 Dip solder tails into the molten solder(held at (260±5) °C for (5 ±1) sec., Recovery time 1~2 hours <b>GB/T 5095.6 Method 12d / EIA-364-56A</b></p>	<p>外观：无损伤（参照6.1.1） Appearance: No damage.( refer to 6.1.1)</p>

<p>产品名称 Product Name:</p>	<p>TJC2508</p>	<p>编号 Document No.</p>	<p>PS3875</p>	<p>版本号 VersionNo.</p>	<p>4</p>
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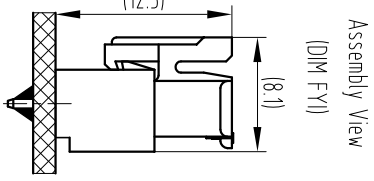
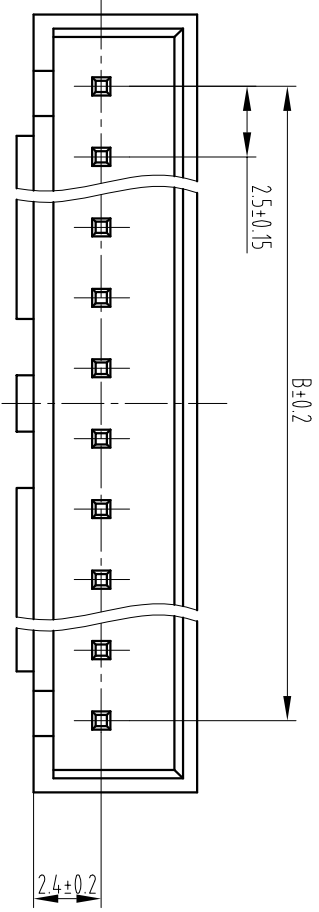
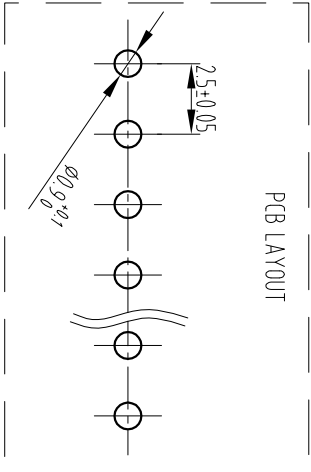
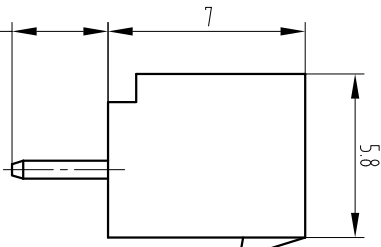
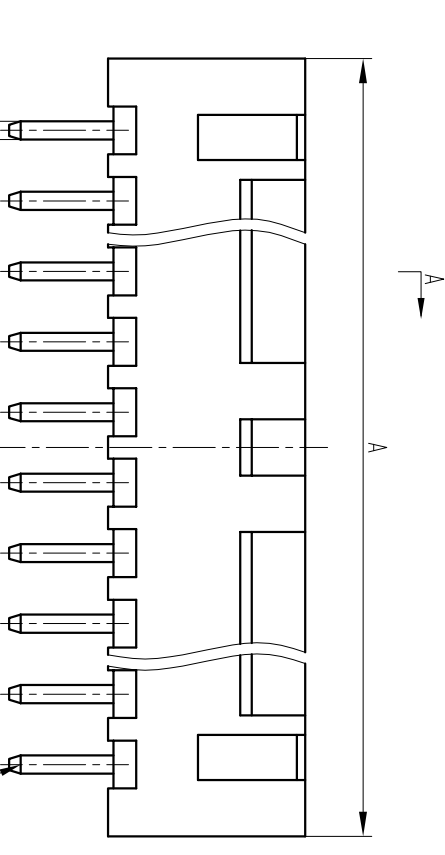
### 7. 测试分组 Test Sequences (Samples: 5PCS)

测试组 GROUP NUMBER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	N
外观 Appearance	1	1	1	1	1,5	1,5	1,7	1	1,5	1,5	1,7	1,6	1,5	1,3	1,3
端子的插入力与固定力 Insertion force and Retention Force for contact	2														
针的固定力 Pin Retention Force		2													
压着部位抗张强度 Crimping Pull Out Force			2												
成品插入力与拔出力 Insertion and Withdrawal Force for Connector				2											
机械振动 Random Vibration					3										
机械冲击 Shock						3									
机械寿命 Durability							5								
接触电阻 Low Level Contact Resistance					2,4	2,4	2,6		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				
温升 Temperature Rise								2							
耐高温 Heat Resistance									3						
耐低温 Cold Resistance										3					
恒定湿热 Humidity											3				
温度循环 Temperature cycling												3			
盐雾 Salt Spray													3		
可焊性 Solderability														2	
耐焊接热 Resistance to Soldering Heat															2

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General Tolerance			
Dimension	Tolerance	Rev. No	Location
0~3	±0.13	B1	F7 etc.
3~18	±0.23		H8
18~50	±0.35		Version upgrade
≥50	±0.55		



Part No.	Dimensions
15	TJC2508-15A 4.0 35
14	TJC2508-14A 37.5 32.5
13	TJC2508-13A 35 30
12	TJC2508-12A 32.5 27.5
11	TJC2508-11A 30 25
10	TJC2508-10A 27.5 22.5
9	TJC2508-9A 25 20
8	TJC2508-8A 22.5 17.5
7	TJC2508-7A 20 15
6	TJC2508-6A 17.5 12.5
5	TJC2508-5A 15 10
4	TJC2508-4A 12.5 7.5
3	TJC2508-3A 10 5
2	TJC2508-2A 7.5 2.5

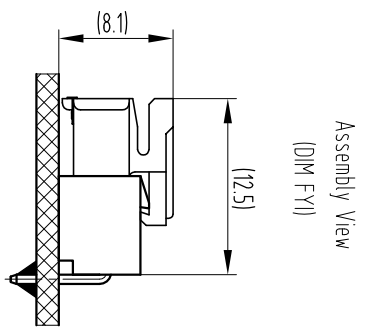
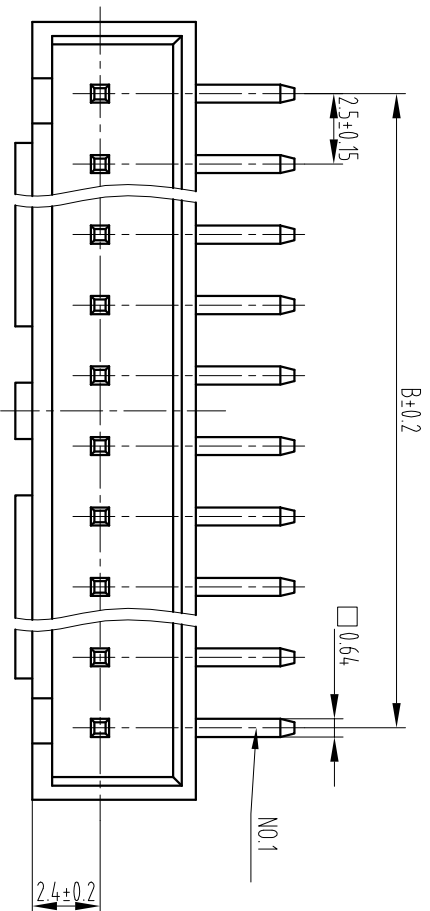
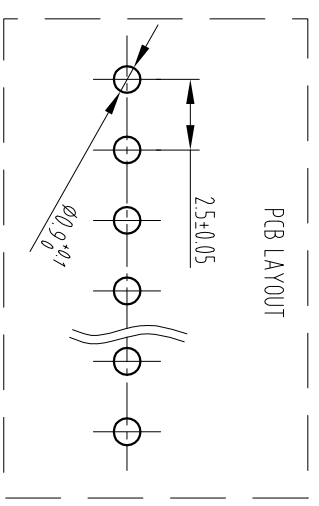
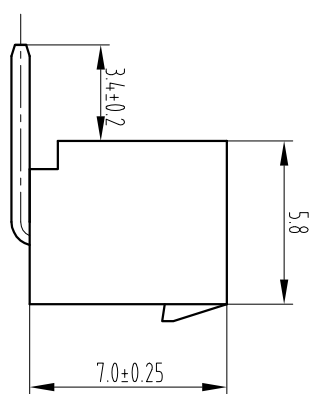
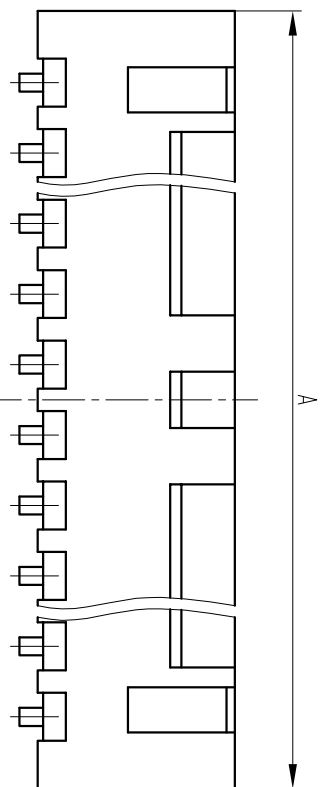
- Notes:
- 1.Material: PA66 UL94 V-0; PA66 UL94 V-2; Brass, Tin-Plated;
  - 2.Matched Housing: TJC2508-nY;
  - 3.Packaging: Packing bag;
  - 4.Compliant To The Current RoHS.

CUSTOMER DRAWING

CUSTOMER DRAWING				Title: 2.5mm Pitch WTB Header	
Drawn	Qu Wang	2015.11.18	Unit	mm	Scale
Checked	Qu Wang	2019.11.11	Scale	4:1	Size
Approved	Dongxulin	2019.11.2	Size	A4	Edition
			Sheet No.	1 OF 1	B2
			Document No.:	CP-DWG-00131	Part No.:
			Specification No.:	PS3075	TJC2508-nA



General Tolerance				Revision		Description		Reviser		Date	
Dimension	Tolerance	Rev. No	Location	Rev. No	Location	Version Updating	Reviser	Date			
0~3	±0.13	B1	F7 etc.			Version Upgrade	Qu Wang	2016.3.18			
3~18	±0.23		H8			Version upgrade	Ji Wu	2019.1.10			
18~50	±0.35										
≥50	±0.55										



Part No.	Dimensions
15	TJC2508-15AW 4.0 35
14	TJC2508-14AW 37.5 32.5
13	TJC2508-13AW 35 30
12	TJC2508-12AW 32.5 27.5
11	TJC2508-11AW 30 25
10	TJC2508-10AW 27.5 22.5
9	TJC2508-9AW 25 20
8	TJC2508-8AW 22.5 17.5
7	TJC2508-7AW 20 15
6	TJC2508-6AW 17.5 12.5
5	TJC2508-5AW 15 10
4	TJC2508-4AW 12.5 7.5
3	TJC2508-3AW 10 5
2	TJC2508-2AW 7.5 2.5

- Notes:
- 1 Material: PA66 UL94 V-0;  
Brass, Tin Plating;
  - 2 Matched Housing: TJC2508-nY;
  - 3 Packaging: Packing bag;
  - 4 Compliant To The Current RoHS.

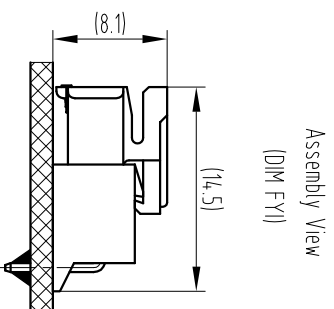
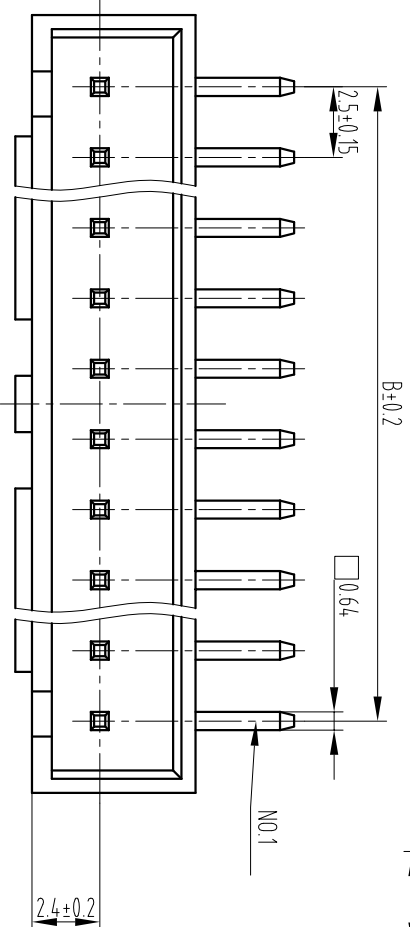
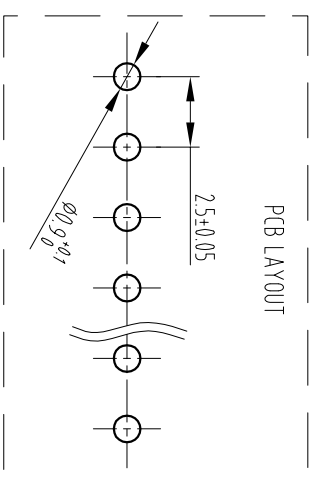
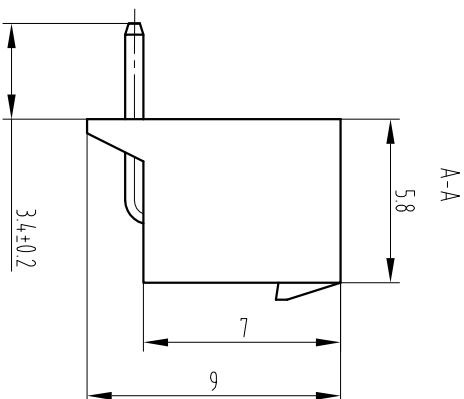
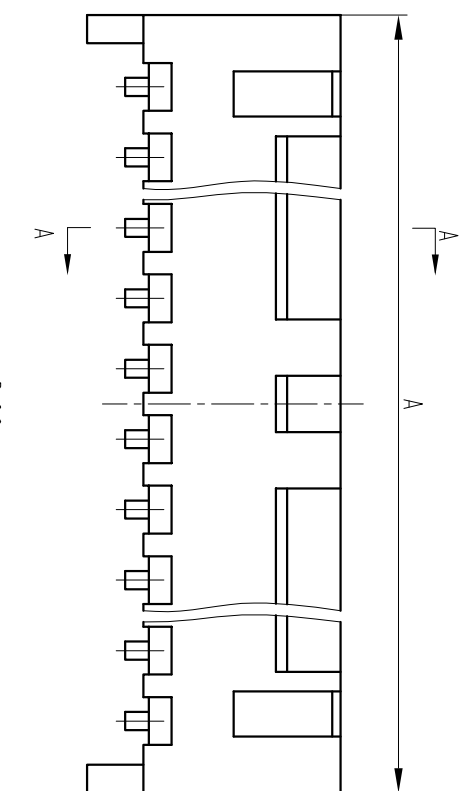
CUSTOMER DRAWING

Drawn	Qu Wang 2015.11.18	Unit	mm	Scale	4:1	Size	A4	Edition	B2	Part No.:	TJC2508-nAW	
Checked	Qu Wang 2019.11.11	Sheet No.	1 OF 1	Title:		2.5mm Pitch WTB Header		Document No.:	CP-DWG-00132	Specification No.:		PS3075
Approved	Dongxulin 2019.11.12	<b>CWB</b> 浙江合共电子元件有限公司 Zhejiang He Gong Electronics Co., Ltd.										

General Tolerance			
Dimension	Tolerance	Rev. No	Location
0~3	±0.13	B1	F7 etc.
3~18	±0.23		Version Updating
18~50	±0.35		Version Updating
≥50	±0.55		Version upgrade

Description	Reviser	Date
Version Updating	Qu Wang	2016.3.18
Version Updating	Yanfei Wang	2018.8.4
Version upgrade	Ji Wu	2019.1.10

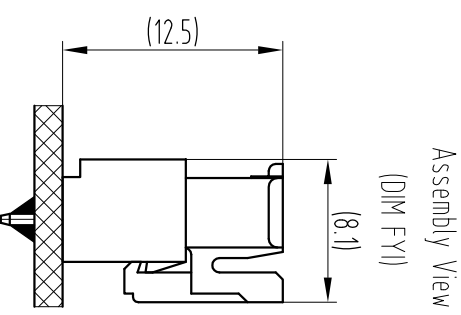
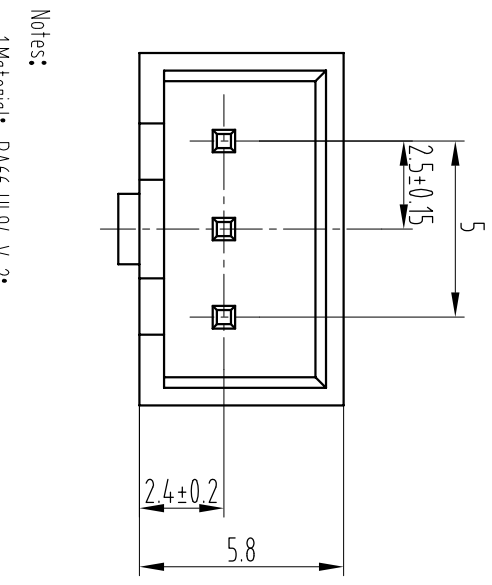
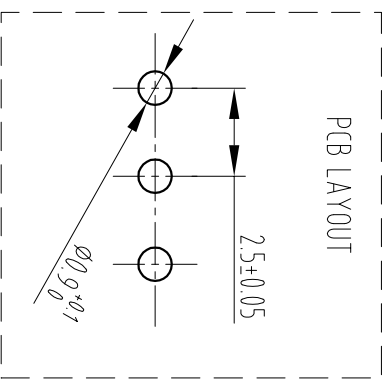
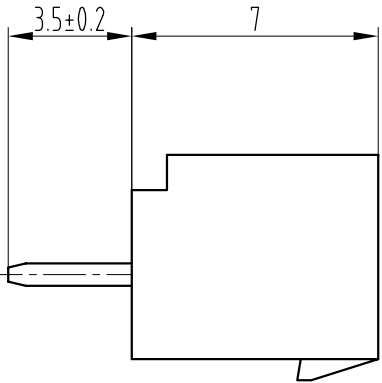
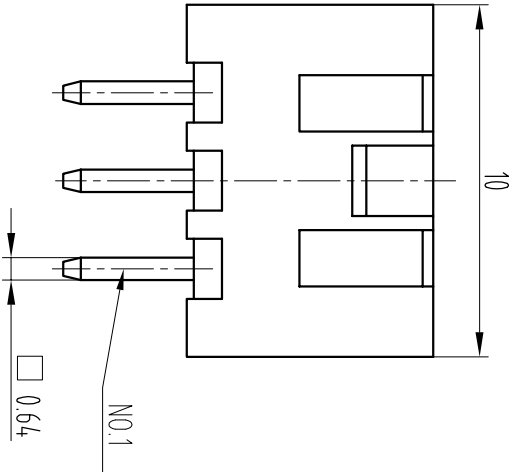


Part No.	Part No.	Dimensions
15	TJC2508-15AWJ	4.0 35
14	TJC2508-14AWJ	37.5 32.5
13	TJC2508-13AWJ	35 30
12	TJC2508-12AWJ	32.5 27.5
11	TJC2508-11AWJ	30 25
10	TJC2508-10AWJ	27.5 22.5
9	TJC2508-9AWJ	25 20
8	TJC2508-8AWJ	22.5 17.5
7	TJC2508-7AWJ	20 15
6	TJC2508-6AWJ	17.5 12.5
5	TJC2508-5AWJ	15 10
4	TJC2508-4AWJ	12.5 7.5
3	TJC2508-3AWJ	10 5
2	TJC2508-2AWJ	7.5 2.5

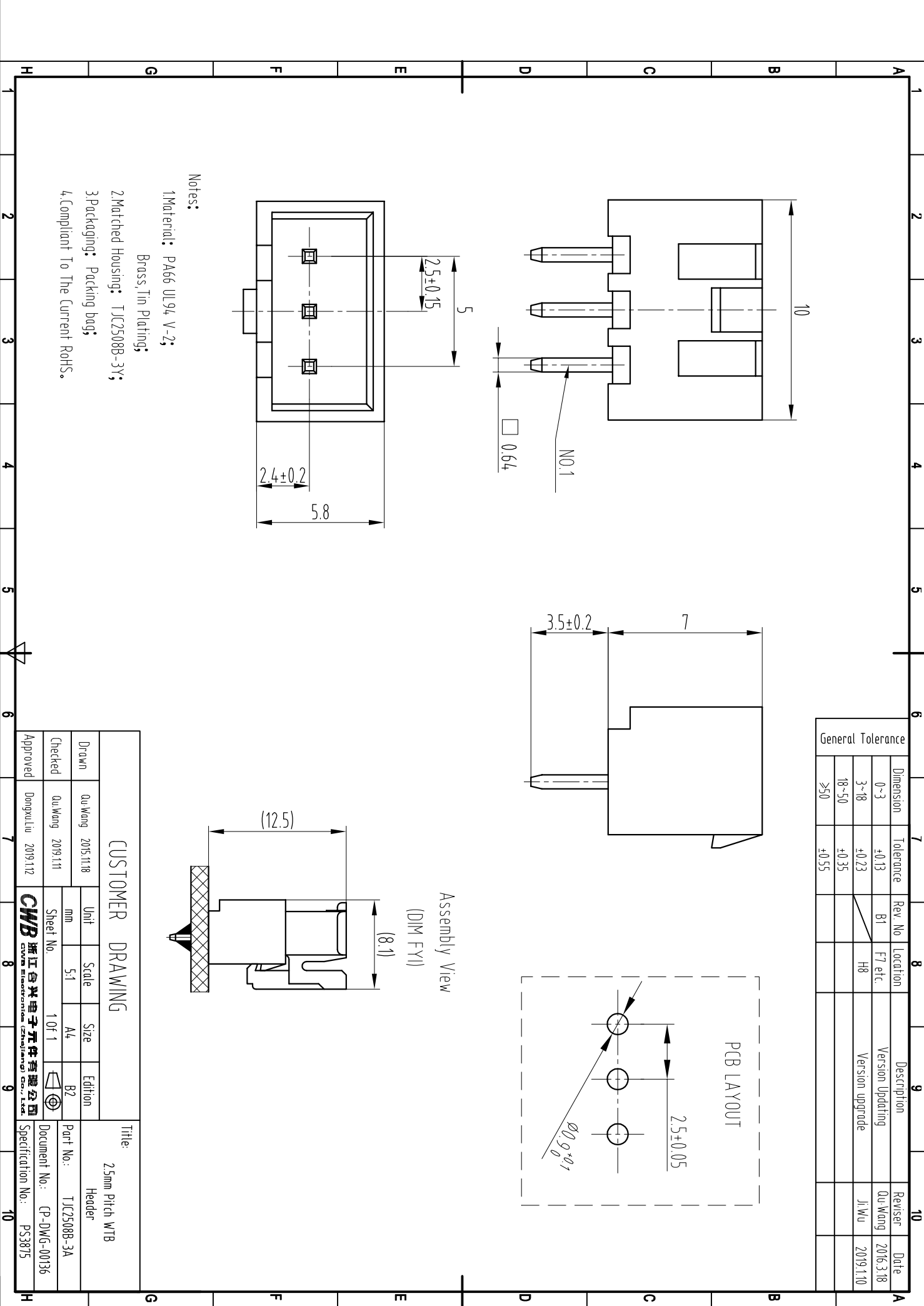
- Notes:
- 1 Material: PA66 UL94 V-0/PA66 UL94 V-0 GW750°C;  
Brass, Tin Plating;
  - 2 Matched Housing: TJC2508-nY;
  - 3 Packaging: Packing bag;
  - 4 Compliant To The Current RoHS.

CUSTOMER DRAWING				Title: 2.5mm Pitch WTB Header				
Drawn	Qu Wang	2015.11.18	Unit	mm	Scale	4:1	Size	A4
Checked	Qu Wang	2019.11.11	Sheet No.	1 OF 1			Edition	B3
Approved	Dongxuliu	2019.11.2	CWB 浙江合共电子有限公司		CWB GWB Electronic (Zhejiang) Co., Ltd.		Part No.:	TJC2508-nAWJ
			Document No.:		CP-DWG-00133		Specification No.:	PS3075

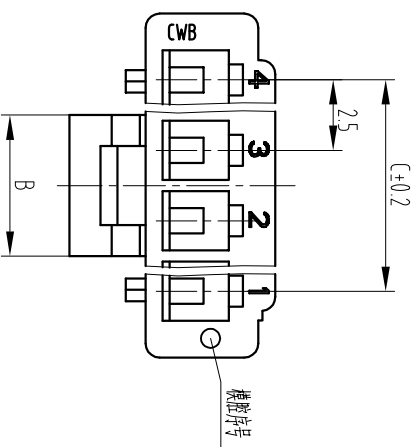
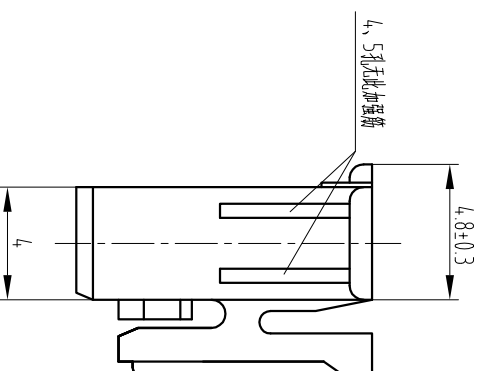
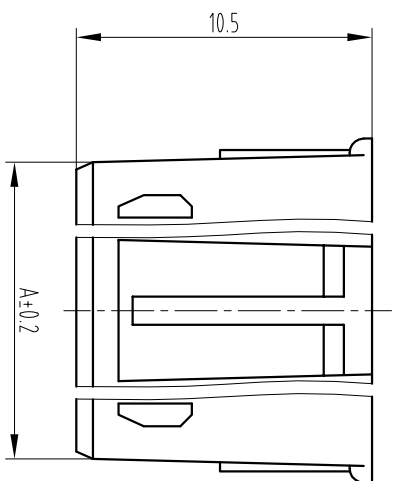
General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	B1	F7 etc.	Version Updating	Qu Wang	2016.3.18		
3~18	±0.23	H8	Version upgrade		Ji.Wu	2019.1.10		
18~50	±0.35							
≥50	±0.55							



CUSTOMER DRAWING				Title: 2.5mm Pitch WTB Header	
Drawn	Qu Wang	2015.11.18	Unit	Scale	Size
Checked	Qu Wang	2019.11.11	mm	5:1	A4
Approved	Dongxuliu	2019.11.2	Sheet No.	1 OF 1	B2
			Part No.:	TJC2508B-3A	Document No.:
			Specification No.:	CP-DWG-00136	PS3075



General Tolerance			Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13	B1	F7 etc.	Qu Wang	2016.3.18	Version Updating		
	3~18	±0.23	H8	Version upgrade	Ji.Wu	2019.1.10			
	18~50	±0.35							
	≥50	±0.55							



Notes:

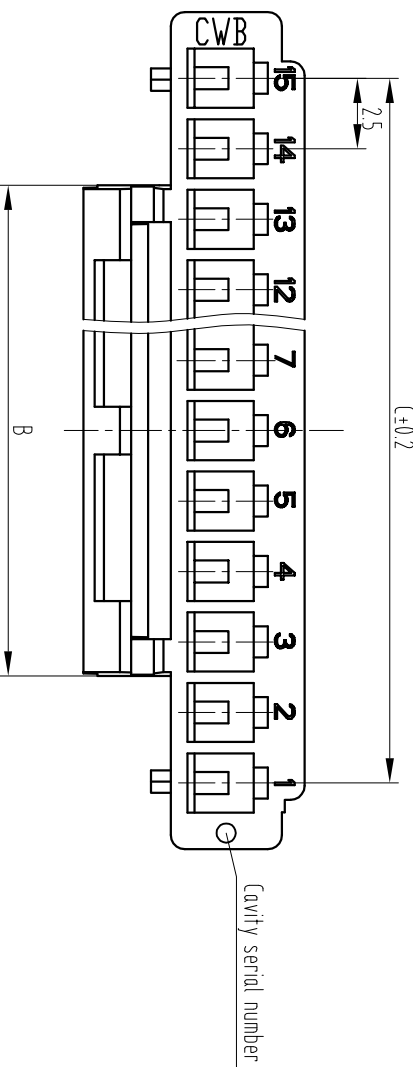
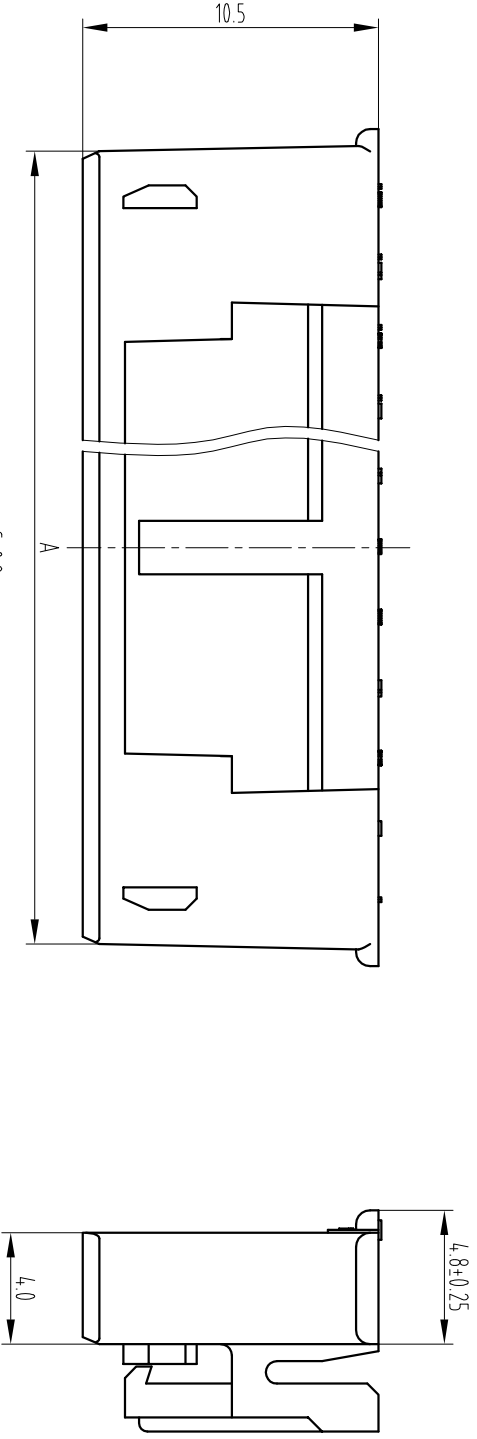
- 1.Material: PA66 UL94 V-0; UL94 V-0 GW1750C;
- 2.Matched Header: TJC2508 Series Header;
- 3.Matched Contact: TJC2508;
- 4.Packaging: Packing bag;
- 5.Compliant To The Current RoHS.

Part No.	Dimensions	Ckts
5	TJC2508-5Y	13.2 5 10
4	TJC2508-4Y	10.7 5 7.5
3	TJC2508-3Y	8.2 3 5
2	TJC2508-2Y	5.7 3 2.5

CUSTOMER DRAWING

Drawn	Qu Wang	2015.11.18	Unit	mm	Scale	4:1	Size	A4	Edition	B2	Title:	2.5mm Pitch WTB Housing
Checked	Qu Wang	2019.1.11	Sheet No.	1 of 1	Part No.:			TJC2508-2Y~5Y	Document No.:		CP-DWG-00134	
Approved	Dongxuliu	2019.1.12	CWB 浙江合兴电子有限公司 CWB Electronics (Zhejiang) Co., Ltd.			Specification No.:			PS3075			

General Tolerance		Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	B1	F7 etc.		Version Updating	Qu Wang	2016.3.18	
3~18	±0.23	H8			Version upgrade	Ji Wu	2019.1.10	
18~50	±0.35							
≥50	±0.55							

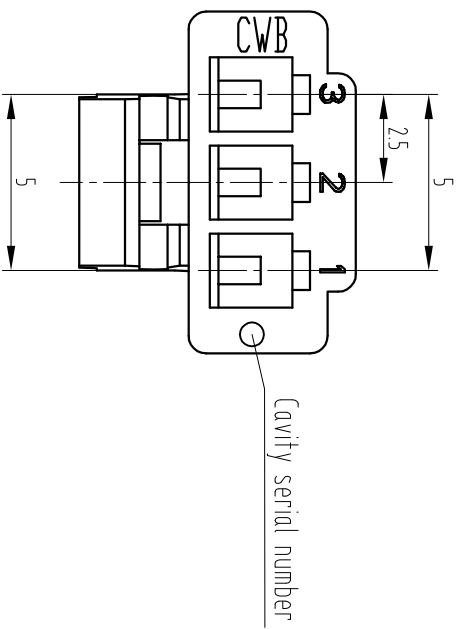
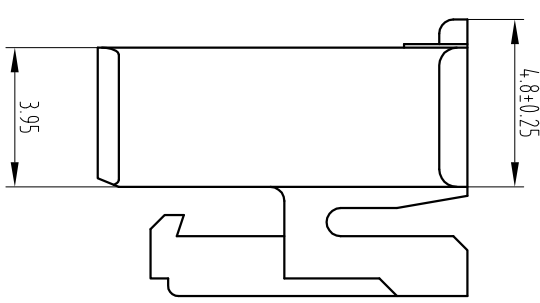
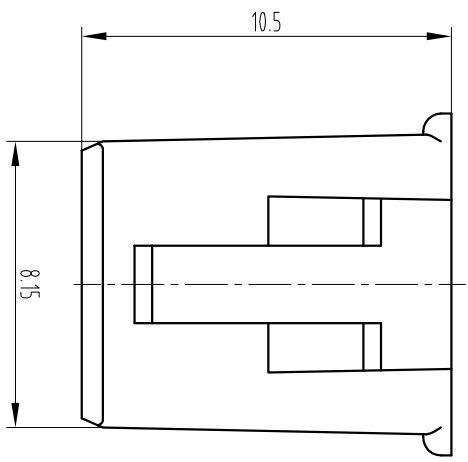


Ckts	Part No.	Dimensions		
		A	B	C
15	TJC2508-15Y	38.2	17.5	32
14	TJC2508-14Y	35.7	17.5	32.5
13	TJC2508-13Y	33.2	17.5	30
12	TJC2508-12Y	30.7	17.5	27.5
11	TJC2508-11Y	25.2	17.5	25
10	TJC2508-10Y	25.7	17.5	22.5
9	TJC2508-9Y	23.2	17.5	20
8	TJC2508-8Y	20.7	15	17.5
7	TJC2508-7Y	18.2	12.5	15
6	TJC2508-6Y	15.7	10	12.5

- Notes:
- 1.Material: PA66 UL94 V-0;
  - 2.Matched Header: TJC2508 Series Header;
  - 3.Matched Contact: TJC2508;
  - 4.Packaging: Packing bag;
  - 5.Compliant To The Current RoHS.

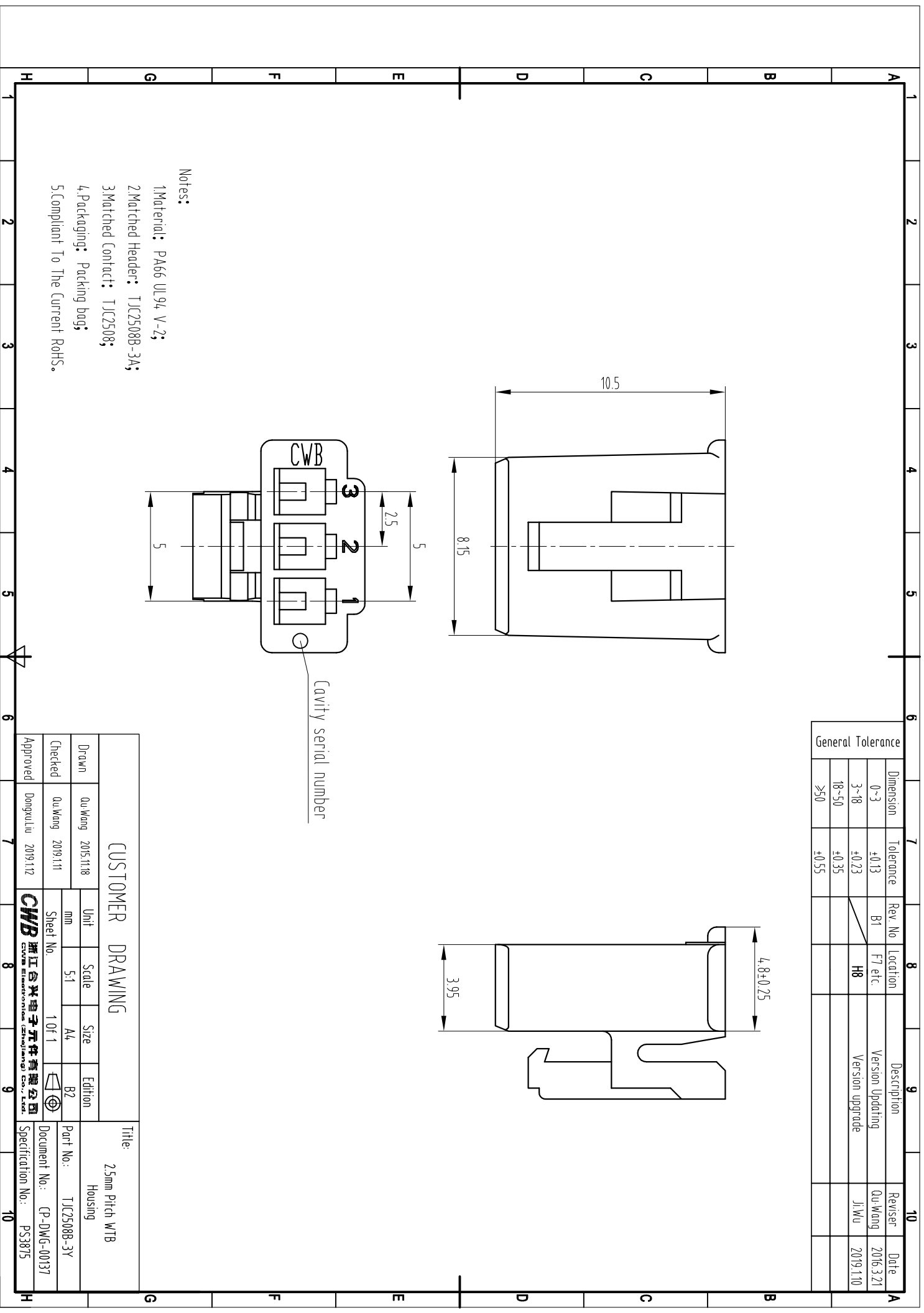
CUSTOMER DRAWING				Title:	
Drawn	Unit	Scale	Size	Edition	Housing
Qu Wang 2015.11.18	mm	4:1	A4	B2	25mm Pitch WTB
Checked	Qu Wang 2019.1.10	Sheet No.	1 OF 1		Part No.: TJC2508-6Y~15Y
Approved	Dongxuliu 2019.1.10	<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronic (Zhejiang) Co., Ltd.		Document No.: CP-DWG-00138	Specification No.: PS3075

General Tolerance			
Dimension	Tolerance	Rev. No	Location
0~3	±0.13	B1	F7 etc.
3~18	±0.23		H8
18~50	±0.35		
≥50	±0.55		
Description		Reviser	Date
Version Updating		Qu-Wang	2016.3.21
Version upgrade		Ji.Wu	2019.1.10



- Notes:
- 1.Material: PA66 UL94 V-2;
  - 2.Matched Header: TJC2508B-3A;
  - 3.Matched Contact: TJC2508;
  - 4.Packaging: Packing bag;
  - 5.Compliant To The Current RoHS.

CUSTOMER DRAWING				Title:	
Drawn	Qu-Wang	2015.11.18	Unit	Scale	Size
Checked	Qu-Wang	2019.1.11	mm	5:1	A4
Approved	Dongxuliu	2019.1.12	Sheet No.	1 of 1	B2
			Edition		Part No.: TJC2508B-3Y
					Document No.: CP-DWG-00137
			<b>CWB</b> 浙江合共电子元件有限公司 <small>CWB Electronics (Zhejiang) Co., Ltd.</small>		Specification No.: PS3075
			Housing		



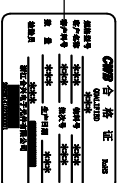
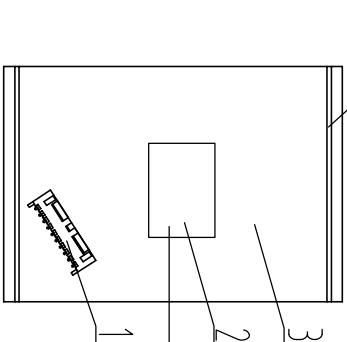




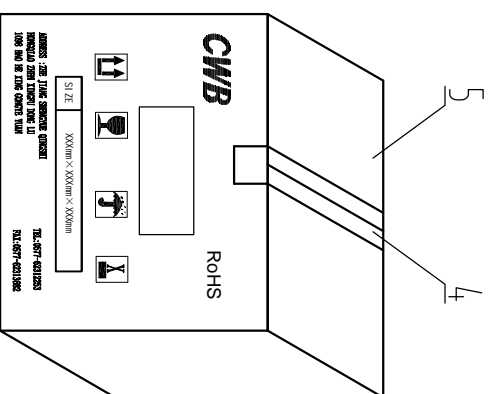
Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	B1	F7 etc.	Version Updating	Qu,Wang	2016.3.18
3~18	±0.23		H8	Version upgrade	Ji,Wu	2019.1.10
18~50	±0.35					
≥50	±0.55					

Packing bag

Sealed



Packing box



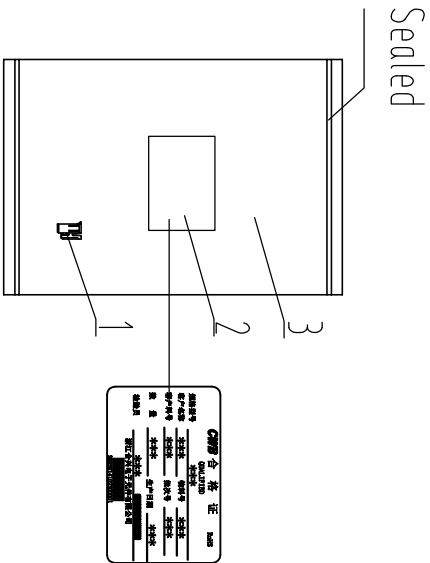
Number	Designation	Part No.	Pcs/bag	Remarks	Part No.	Pcs/bag	Remarks
1	TJC2508 series plug connector	TJC2508-2A	1000		TJC2508-2AW	1000	
2	Certificate	TJC2508-3A	1000		TJC2508-3AW	1000	
3	Packing bag	TJC2508-4A	1000		TJC2508-4AW	1000	
4	Gummed tape	TJC2508-6A	1000		TJC2508-6AW	1000	
5	Packing box	TJC2508-7A	1000		TJC2508-7AW	1000	
		TJC2508-8A	1000		TJC2508-8AW	1000	
		TJC2508-9A	1000		TJC2508-9AW	500	
		TJC2508-10A	1000		TJC2508-10AW	500	
		TJC2508-11A	1000		TJC2508-11AW	500	
		TJC2508-12A	1000		TJC2508-12AW	500	
		TJC2508-13A	500		TJC2508-13AW	500	
		TJC2508-14A	500		TJC2508-14AW	500	
		TJC2508-15A	500		TJC2508-15AW	500	
		TJC2508-3A	1000		TJC2508-2AW	1000	

CUSTOMER DRAWING

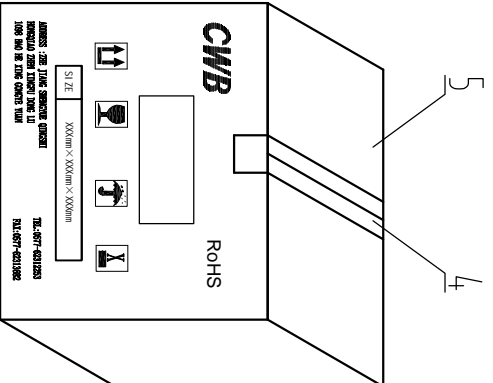
Drawn	Qu,Wang	2015.11.18	Unit	mm	Scale	/	Size	A4	Edition	B3	Title	Packaging Specification of 2.5mm Pitch WTB Plug Connector
Checked	Qu,Wang	2019.11.11	Sheet No.	1 of 1		CWB		浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.		Part No.:	TJC2508-A	
Approved	Dongxulin	2019.11.2	CWB		浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.		Document No.:	BZ-DWG-00082		Specification No.:	P33875	

Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	B1	F7 etc.	Version Updating	Qu-Wang	2016.3.18
3~18	±0.23		H8	Version upgrade	Ji.Wu	2019.1.10
18~50	±0.35					
≥50	±0.55					

Packing bag



Packing box

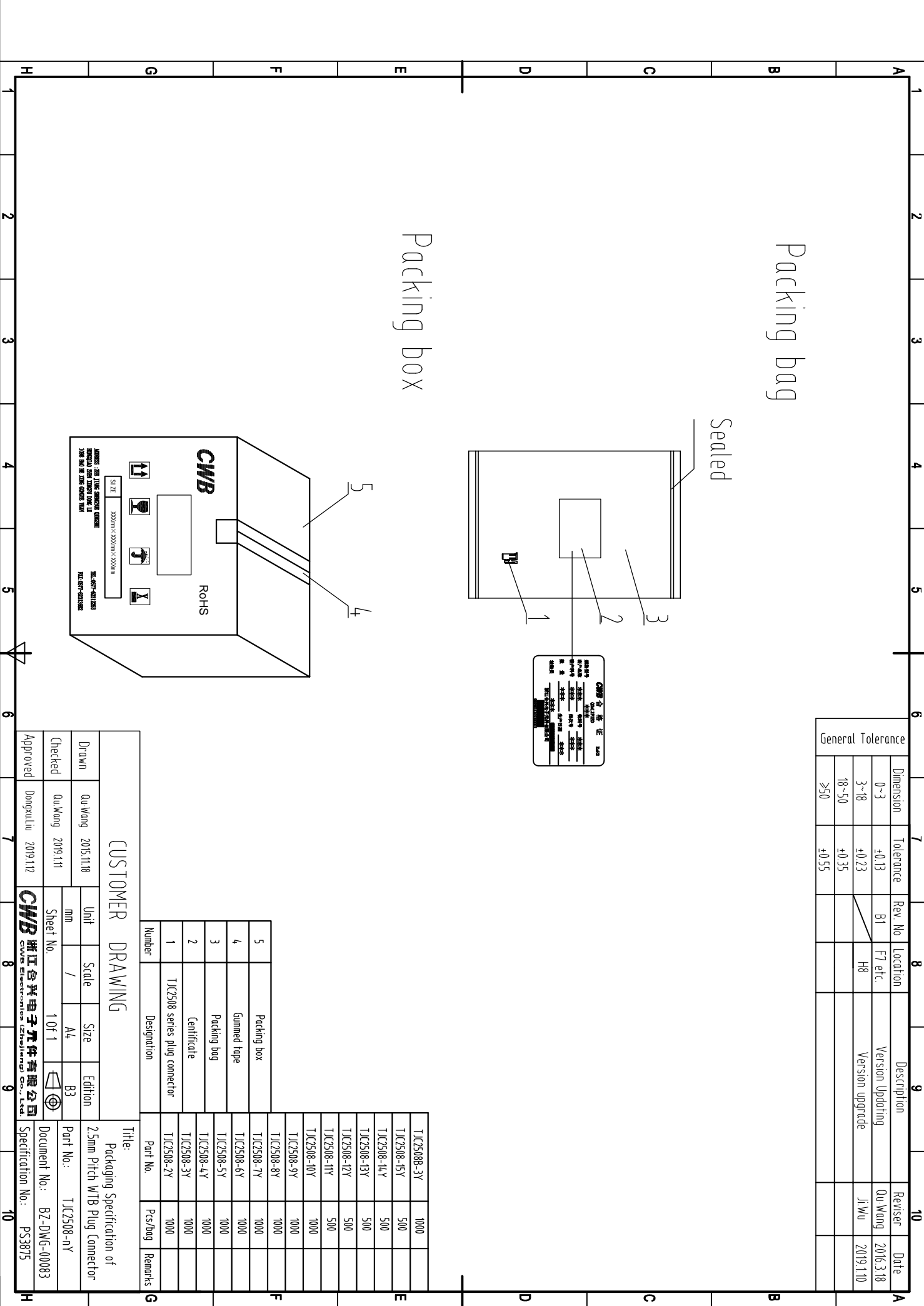


Number	Designation	Part No.	Pcs/bag	Remarks
1	TJC2508 series plug connector	TJC2508-3Y	1000	
2	Certificate	TJC2508-3Y	1000	
3		TJC2508-4Y	1000	
4	Gummed tape	TJC2508-6Y	1000	
5	Packing box	TJC2508-7Y	1000	

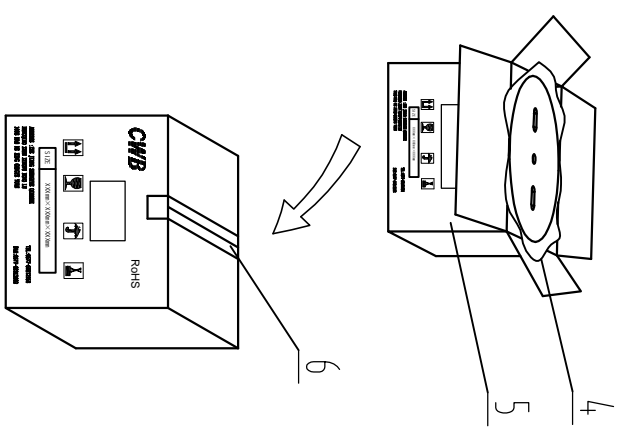
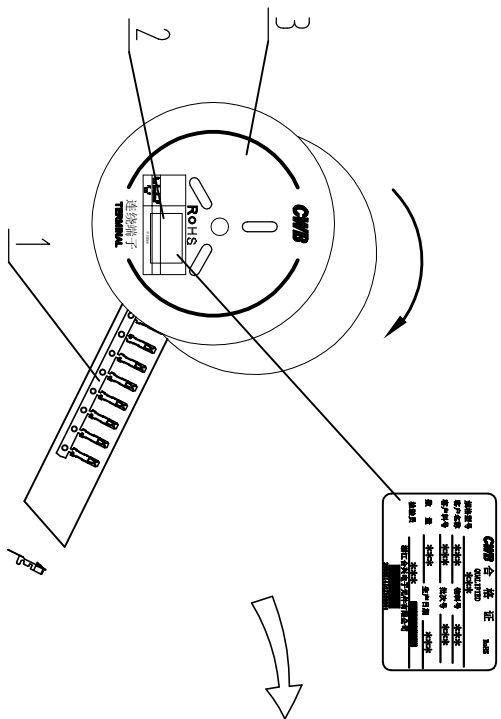
CUSTOMER DRAWING

Drawn	Qu-Wang	2015.11.18	Unit	mm	Scale	/	Size	A4	Edition	B3	Part No.	TJC2508-nY	
Checked	Qu-Wang	2019.11.11	Sheet No.	1 OF 1		1 OF 1		1 OF 1		1 OF 1		Document No.	BZ-DWG-00083
Approved	Dongxulu	2019.11.12	<b>CWB</b> 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.										

Title: Packaging Specification of 2.5mm Pitch W/B Plug Connector



Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
0~3	±0.13	B1	/	Version Updading	Qu Wang	2016.3.18
3~18	±0.23		H8	Version upgrade	Ji.Wu	2019.1.10
18~50	±0.35					
≥50	±0.55					



6	Guimed tape	
5	Packing box	168000Pcs/Box
4	Packing bag	14Reel/Bag
3	Reel	12000Pcs/Reel
2	Certificate	
1	TJC2508 Contact	

Number	Designation	Remarks
1	TJC2508 Contact	

CUSTOMER DRAWING

Title: Packaging Specification of 25mm Pitch WTB Contact

Drawn	Qu Wang	2015.11.18	Unit	mm	Scale	/	Size	A4	Edition	B3	Part No.:	TJC2508
Checked	Qu Wang	2019.1.11	Sheet No.	1 OF 1							Document No.:	BZ-DWG-00084
Approved	Dongxuliu	2019.1.12	<b>CMB</b> 浙江合兴电子元件有限公司 CMB Electronics (Zhejiang) Co., Ltd.									
Specification No.:												P33875