

标题: TJC12519 系列连接器

Title: TJC12519 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.)	制定 Edit: 周奕宏 2022. 3. 9	产品名称 Product name: TJC12519 系列连接器
	审核 Check: 王曲 2022. 3. 9	编号 Document No.: PS4142
	批准 Approval: 刘冬旭 2022. 3. 9	版本 Revision: V1



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	/	首版发布 First release	周奕宏 2022/03/09 ZhouYihong 2022/03/09
V1	/	纠正错误 correct mistakes	王曲 2023/04/23 WangQu 2023/04/23





产品规格书

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 1.25 阴型 & 阳型电子连接器，产品名称：TJC12519 系列连接器。

This product specification covers the requirement for WTB 1.25mm pitch Receptacle & Plug connector, which is designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N:TJC12519 connector.

3. 产品描述 Product description

TJC12519 系列连接器产品为家电连接器产品，产品部件组成如下：

The TJC12519 series connector designed for home appliances connection. Part checklist as following form:

零件名称 Part name	规格型号 Part No.	曾用规格型号 Previous part No.	描述 Description
插簧 Contact	CH-TJC12519-**-*	TJC12519-T LY Db	AWG # 28~ AWG # 26
阳连接器（立式，表面装贴） Header（V,SMT）	TJC12519-nAB (**-*)		Wafer:PA10T+GF UL94 V-0 Post: Phosphor bronze, nickel over tin plated Reinforcement: Brass, tin plated
阳连接器（卧式，表面装贴） Header（H,SMT）	TJC12519-nAWB (**-*)	TJC12519-nAWB	Wafer:PA10T+GF UL94 V-0 Post: Phosphor bronze, nickel over tin plated Reinforcement: Brass, tin plated
孔座(带外锁扣) Housing (W/Lock)	TJC12519-nY(**-*)	TJC12519-nY	PA66 UL94 V-0

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

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产品规格书

PRODUCT SPECIFICATION

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]	AWG # 26:1A 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)	-40℃~+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)	Wire size: AWG # 28~AWG # 26(0.08mm ² ~0.13 mm ²) Insulation diameter: φ 0.88mm- φ 0.98mm

产品名称 Product name:	TJC12519 系列连接器	编号 Document No.	PS4142	版本号 Version No.	V1
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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 GB/T 5095.2 Method 1a	1.塑料件表面应无明显疤痕、凹陷、开裂及影响使用的变形。 Plastic part: smooth and flat surface without discolor, broken, crack, and distortion, etc. 2 金属件表面无锈蚀、氧化 、无明显的机械损伤及电镀层脱落等缺陷。 Metal part: bright and even surface without rust, oxide, fog and obvious physical damage, etc.				
6.1.2	端子插入力与固定力 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.) GB/T 5095.8 Method 15d / EIA-364-29B	插入力 (最大值) Insertion force (Max.)		固定力 (最小值) Retention force (Min.)		
			4N		7N		
6.1.3	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: <25 mm/min.) GB/T 5095.8 Method 15a / EIA-364-29B	3N Min.				
6.1.4	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.) GB/T5095.8 Method 16d / EIA-364-08B	AWG # 28: 10N Min. AWG # 26: 20N Min.				
6.1.5	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30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: <25 mm/min.) GB/T 5095.7 Method 13b / EIA-364-13B	去锁扣 (without lock)	首次插入力 (最大值) Insertion (Max.)1st		首次拔出力 (最小值) Withdrawal (Min.)1st	
				(2×n) N		(0.5×n) N	
			带锁扣 (with lock)	级数 No of poles	首次插入力 (最大值) Insertion (Max.)1st	首次拔出力 (最小值) Withdrawal (Min.)1st	
				2~3Pin	(2.5×n) N	(0.5n+10) N	
				4~6Pin		(0.5n+12) N	
				7~9Pin		(0.5n+15) N	
				10~15Pin		(0.5n+20) N	
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6.1.6	机械振动 Vibration	插入连接器, 串联在直流电源上, 电流100 mA; 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1.52 mm。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: 1min. Amplitude: 1.52 mm. GB/T 5095.4 Method 6d / EIA-364-28D	外观: 无损伤(参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 50mΩ Max. Contact resistance: 50mΩ Max. 电流中断时间: 1μsec Max. Current interruption: 1μsec Max.
6.1.7	机械冲击 Shock	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100 mA电流。 冲击强度: 490 m/s² 持续时间: 11 ms 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: 490 m/s² Duration: 11 ms GB/T 5095.4 Method 6c / EIA-364-27B	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.
6.1.8	机械寿命 Durability	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 GB/T 5095.5 Method 9a / EIA-364-09C	外观: 无损伤(参照6.1.1) Appearance: no damage.(refer to 6.1.1) 接触电阻: 50mΩ Max. Contact resistance: 50mΩ Max.
6.1.9	锁扣强度 Lock strength	固定连接器和测力计, 在连接器轴线方向将配合后的连接器拔出, 速度不大于25 mm/min., 测量时连接器应无端子或端子不影响锁扣强度的测量结果 Apply axial withdraw force on the connector which without contact or the contacts shall not affect lock strength at a rate less than 25 mm/min. GB/T 5095.8 Method 15a / EIA-364-29B	2pin~3pin:10N Min. 4pin~6pin:12N Min. 7pin~9pin:15N Min. 10pin~15pin:20N Min.

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。 Mate connectors with dry circuit to test contact resistance GB/T 5095.2 Method 2a / EIA-364-23B	30mΩ Max. (Initial) 50mΩ 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 contacts and between contacts to ground. GB/T 5095.2 Method 3a / EIA-364-21C	100 MΩ Min. (Initial) 100 MΩ Min. (Final)
6.2.3	耐电压 Withstand voltage	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. GB/T 5095.2 Method 4a / EIA-364-20B	外观: 无击穿和飞弧现象 Appearance: no breakdown or flashover
6.2.4	温升 Temperature rise	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. GB/T 5095.3 Method 5a / EIA-364-70A	Δ30°C Max.

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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）℃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)℃ for 240 hours, recovery time (1~2) hours GB/T 5095.6 Method 11i /EIA-364-17B	外观：无损伤（参照6.1.1） Appearance: No damage.(refer to 6.1.1) 接触电阻：50mΩ Max. Contact resistance: 50mΩ Max. 绝缘电阻：100 MΩ Min. Insulation resistance:100 MΩ Min. 耐电压：250V Min. Withstand voltage: 250V Min.										
6.3.2	恒定湿热 Humidity	温度(40±2)℃， 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)℃, humidity (90~95)% for 240 hours, recovery time (1~2) hours GB/T 5095.6 Method 11c /EIA-364-31B	外观：无损伤（参照6.1.1） Appearance: No damage.(refer to 6.1.1) 接触电阻：50mΩ Max. Contact resistance: 50mΩ Max. 绝缘电阻：100 MΩ Min. Insulation resistance: 100 MΩ Min. 耐电压：250V Min. Withstand voltage: 250V Min.										
6.3.3	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)℃的恒温条件下放置 0.5 小时； b) 在(85±2)℃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><tr><th>Temperature ℃</th><th>Duration</th></tr><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></table> Step 1 to 4 is one cycle,25 cycles shall be tested, recovery time (1~2) hours GB/T 5095.6 method 11d /EIA-364-32C	Temperature ℃	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：50mΩ Max. Contact resistance: 50mΩ Max. 绝缘电阻：100 MΩ Min. Insulation resistance: 100 MΩ Min. 耐电压：250V Min. Withstand voltage: 250V Min.
Temperature ℃	Duration												
1 -55±2	0.5h												
2 Room Temp.	5 minutes Max.												
3 +85±2	0.5h												
4 Room Temp.	5 minutes Max.												
6.3.4	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 GB/T 5095.6 Method 11f /EIA-364-26B	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：50mΩ Max. Contact resistance: 50mΩ Max.										
6.3.5	硫化氢气体测试 (H ₂ S gas test)	连接器配合后，在温度（40±3）℃、湿度 75%、H ₂ S 气体浓度为 3ppm 的环境中放置 96 小时 Mated connectors exposed to the condition of temperature (40±3)℃, humidity 75%, H ₂ S gas concentration of 3ppm for 96 hours	接触电阻：50mΩ Max. Contact resistance: 50mΩ Max.										

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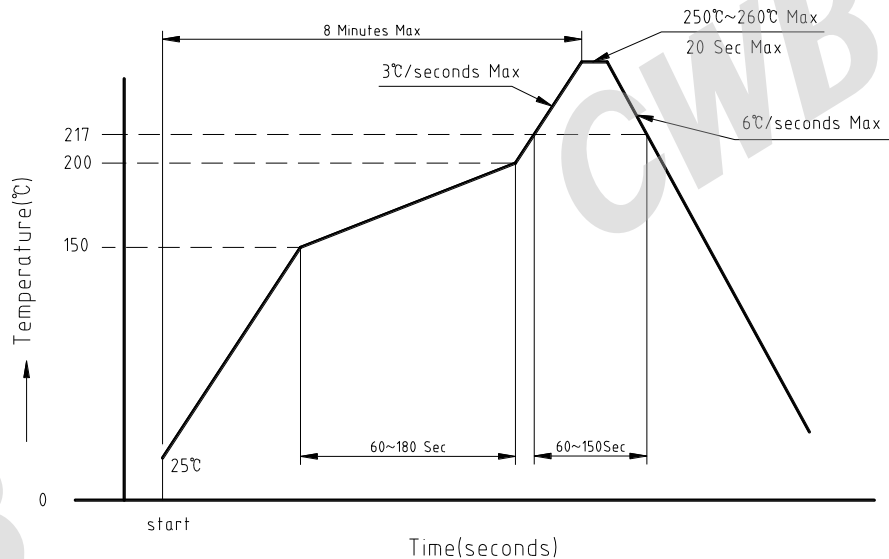
版本号
Version No.

V1

6.3.5	工业气体(氨气)Industrial gas(Ammonia)(NH ₃)	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	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) °C for (4~5) seconds EIA-364-52	上锡率≥95%: Solder coverage: ≥95%
6.3.8	耐焊接热 Resistance to soldering heat	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)

Recommended IR Reflow Temperature Profile:

1 Using Lead-Free Solder Paste



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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	K	L	M	N	O	P	Q
外观 Appearance	1	1	1	1	1,5	1	1,7	1	1,7	1,7	1,7	1,5	2	1,3	1	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														
压着部位抗张强度 Crimp tensile strength			2													
成品插入力与拔出力（去锁扣） Insertion force and withdrawal force(without lock)				2												
机械振动Vibration					3											
机械冲击 Shock						2										
机械寿命 Durability							5									
接触电阻 Contact resistance					2,4		2,6		2,4	2,4	2,4	2,4	2,4			
绝缘电阻 Insulation resistance							3		5	5	5					
耐电压 Withstand voltage							4		6	6	6					
温升 Temperature rise								2								
耐高温 Heat resistance									3							
恒定湿热 Humidity										3						
温度循环 Temperature cycling											3					
盐雾 Salt spray												3				
硫化氢气体测试 (H ₂ S gas test)													3			
工业气体(氨气) Industrial gas(Ammonia)(NH ₃)														2		
可焊性 Solderability															2	
耐焊接热 Resistance to soldering heat																2

产品名称
Product name:

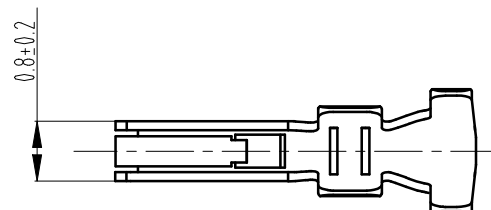
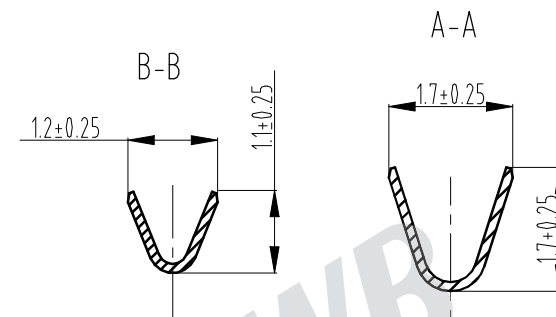
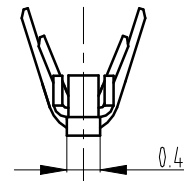
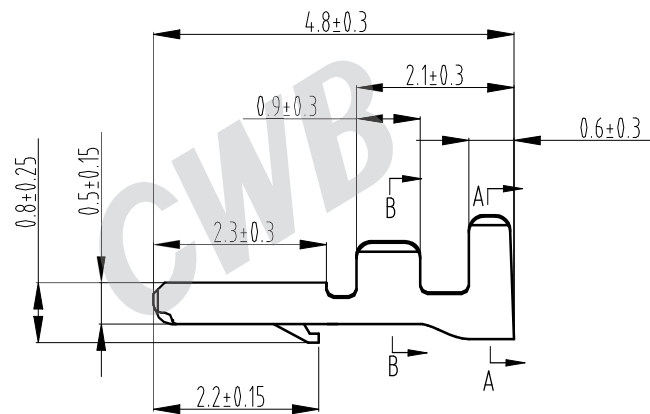
TJC12519 系列连接器

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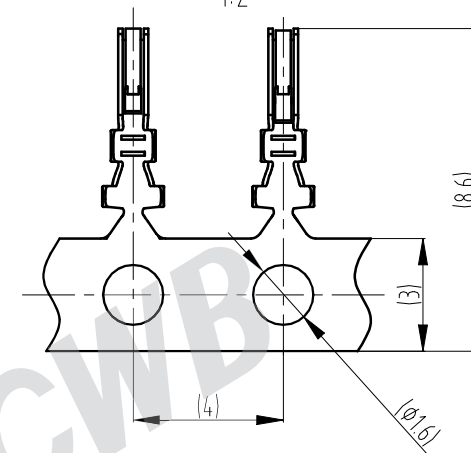
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Contact View

1:2



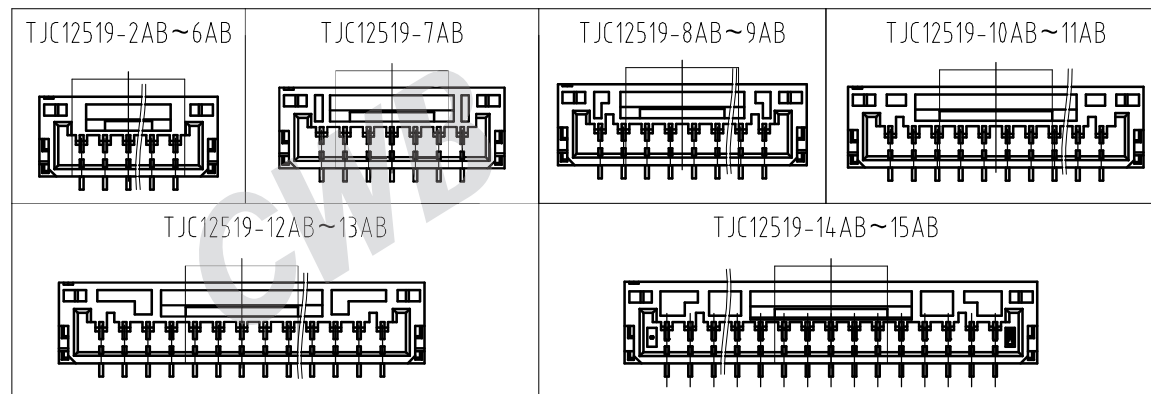
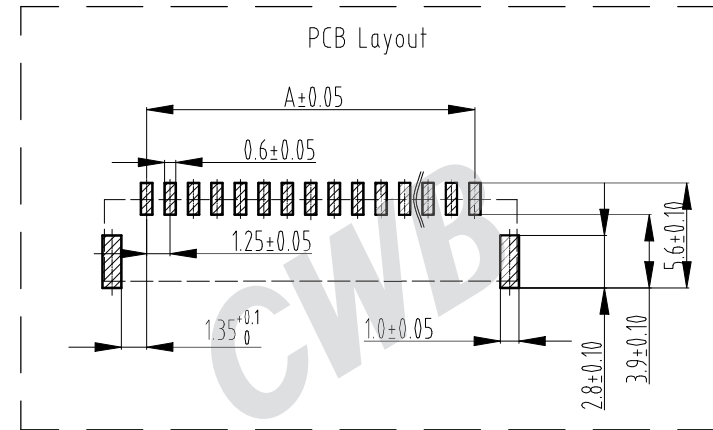
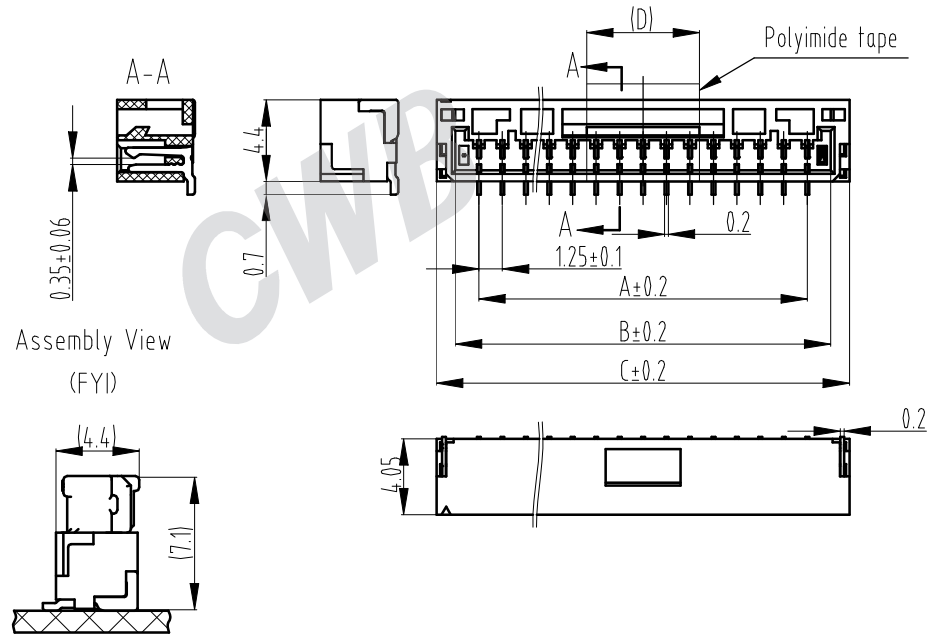
Notes:

- 1.Material: Phosphor bronze,thickness=0.12mm
- 2.Surface finish: tin plated
- 3.Matched housing: TJC12519-nY
- 4.Applicable wires: AWG # 26~AWG # 28
- 5.Compliant to the current RoHS

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					

CUSTOMER DRAWING						Title: 1.25mm pitch WTB Contact	
Drawn	Yihong.Zhou	2022.3.9	Unit	Scale	Size	Edition	Part No.: CH-TJC12519-**
Checked	Qu.Wang	2022.3.9	mm	10:1	A4	B1	Previous part No.: TJC12519-T LY D
			Sheet No.		1 Of 1		Document No.: CP-DWG-01396
Approved	Dongxu.Liu	2022.3.9	CWB				Specification No.: PS4142

		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											



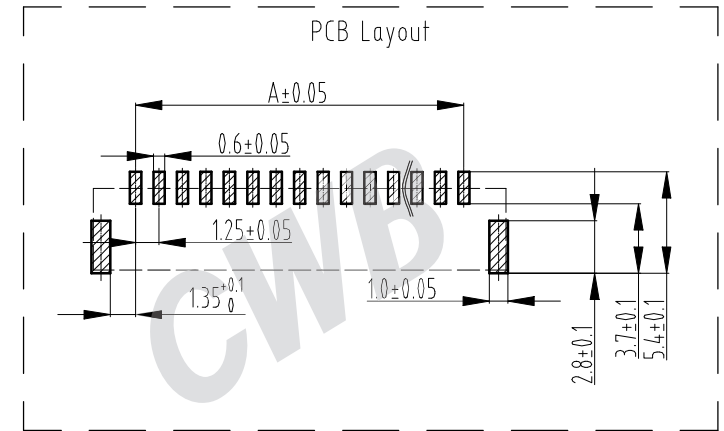
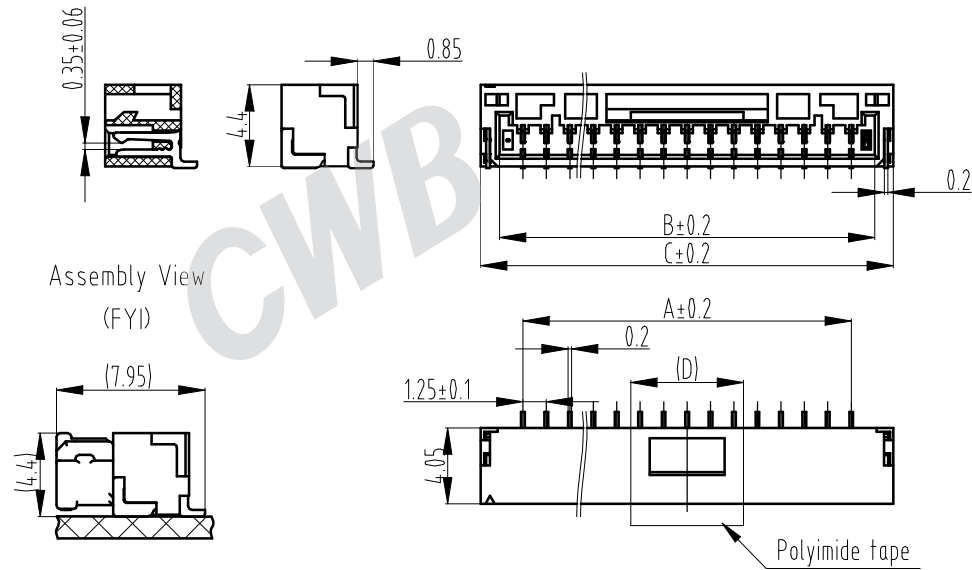
Ckts	Part No.	Dimensions			
		A	B	C	D
15	TJC12519-15AB	17.5	20	22	6
14	TJC12519-14AB	16.25	18.75	20.75	6
13	TJC12519-13AB	15	17.5	19.5	6
12	TJC12519-12AB	13.75	16.25	18.25	6
11	TJC12519-11AB	12.5	15	17	6
10	TJC12519-10AB	11.25	13.75	15.75	6
9	TJC12519-9AB	10	12.5	14.5	6
8	TJC12519-8AB	8.75	11.25	13.25	6
7	TJC12519-7AB	7.5	10	12	6
6	TJC12519-6AB	6.25	8.75	10.75	6
5	TJC12519-5AB	5	7.5	9.5	6
4	TJC12519-4AB	3.75	6.25	8.25	6
3	TJC12519-3AB	2.5	5	7	6
2	TJC12519-2AB	1.25	3.75	5.75	5

Note:

- Material: Wafer: PA10T+GF UL94 V-0
Post: phospher brone, nickel over tin plated
Reinforcement: brass, tin plated.
- Matched housing: TJC12519-nY
- Packaging: carrier tap
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 1.25mm pitch WTB header	
Drawn	Yihong.Zhou	2022.3.9	Unit	Scale	Size	Edition	Part No.: TJC12519-nAB(**-*)
Checked	Qu.Wang	2022.3.9	mm	2.5:1	A4	B0	Previous part No.: /
			Sheet No.		1 Of 1		Document No.: CP-DWG-01397
Approved	Dongxu.Liu	2022.3.9	CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.				Specification No.: PS4142

	1	2	3	4	5	6	7	8	9	10				
A						General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date	A
							0~3	±0.13						
							3~18	±0.23						
							18~50	±0.35						
							≥50	±0.55						



TJC12519-2AWB~6AWB	TJC12519-7AWB	TJC12519-8AWB~9AWB	TJC12519-10AWB~11AWB
TJC12519-12AWB~13AWB		TJC12519-14AWB~15AWB	

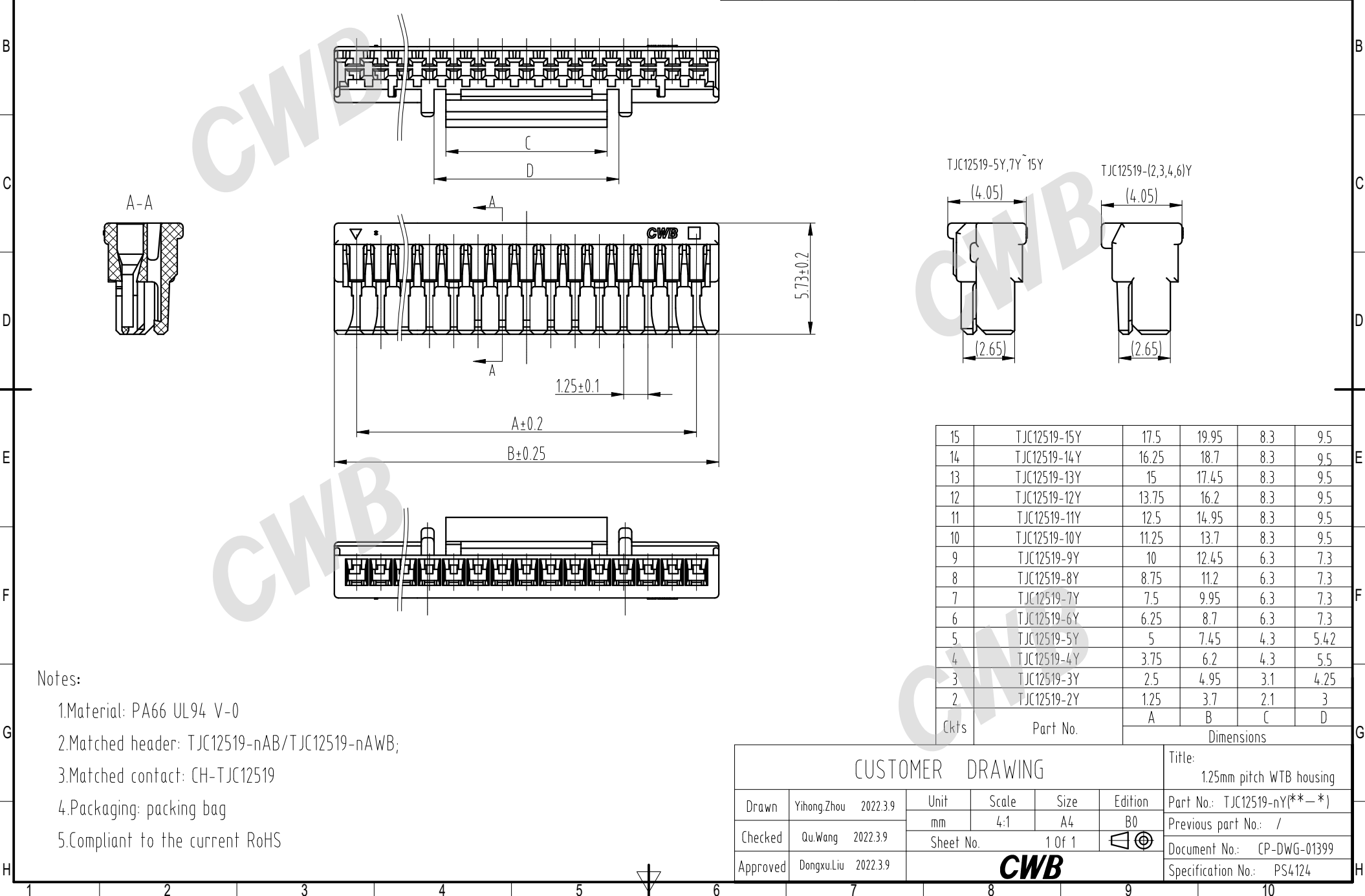
Note:

- 1.Material:Wafer: PA10T+GF UL94 V-0
Post: brass, nickel over tin plated
Reinforcement: brass, tin plated.
- 2.Matched housing: TJC12519-nY
- 3.Packaging: carrier tap
- 4.Compliant to the current RoHS

15	TJC12519-15AWB	17.5	20	22	6
14	TJC12519-14AWB	16.25	18.75	20.75	6
13	TJC12519-13AWB	15	17.5	19.5	6
12	TJC12519-12AWB	13.75	16.25	18.25	6
11	TJC12519-11AWB	12.5	15	17	6
10	TJC12519-10AWB	11.25	13.75	15.75	6
9	TJC12519-9AWB	10	12.5	14.5	6
8	TJC12519-8AWB	8.75	11.25	13.25	6
7	TJC12519-7AWB	7.5	10	12	6
6	TJC12519-6AWB	6.25	8.75	10.75	6
5	TJC12519-5AWB	5	7.5	9.5	6
4	TJC12519-4AWB	3.75	6.25	8.25	6
3	TJC12519-3AWB	2.5	5	7	6
2	TJC12519-2AWB	1.25	3.75	5.75	5
Ckts	Part No.	Dimensions			
		A	B	C	D

CUSTOMER DRAWING						Title: 125mm pitch WTB header	
Drawn	Yihong.Zhou	2022.3.9	Unit	Scale	Size	Edition	Part No.:TJC12519-nAWB(**-*)
			mm	2.5:1	A4	B0	Previous part No.: /
Checked	Qu.Wang	2022.3.9	Sheet No.		1 Of 1		Document No.: CP-DWG-01398
Approved	Dongxu.Liu	2022.3.9	CWB 浙江合兴电子元件有限公司 CWB Electronics (Zhejiang) Co., Ltd.				Specification No.: PS4142

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					

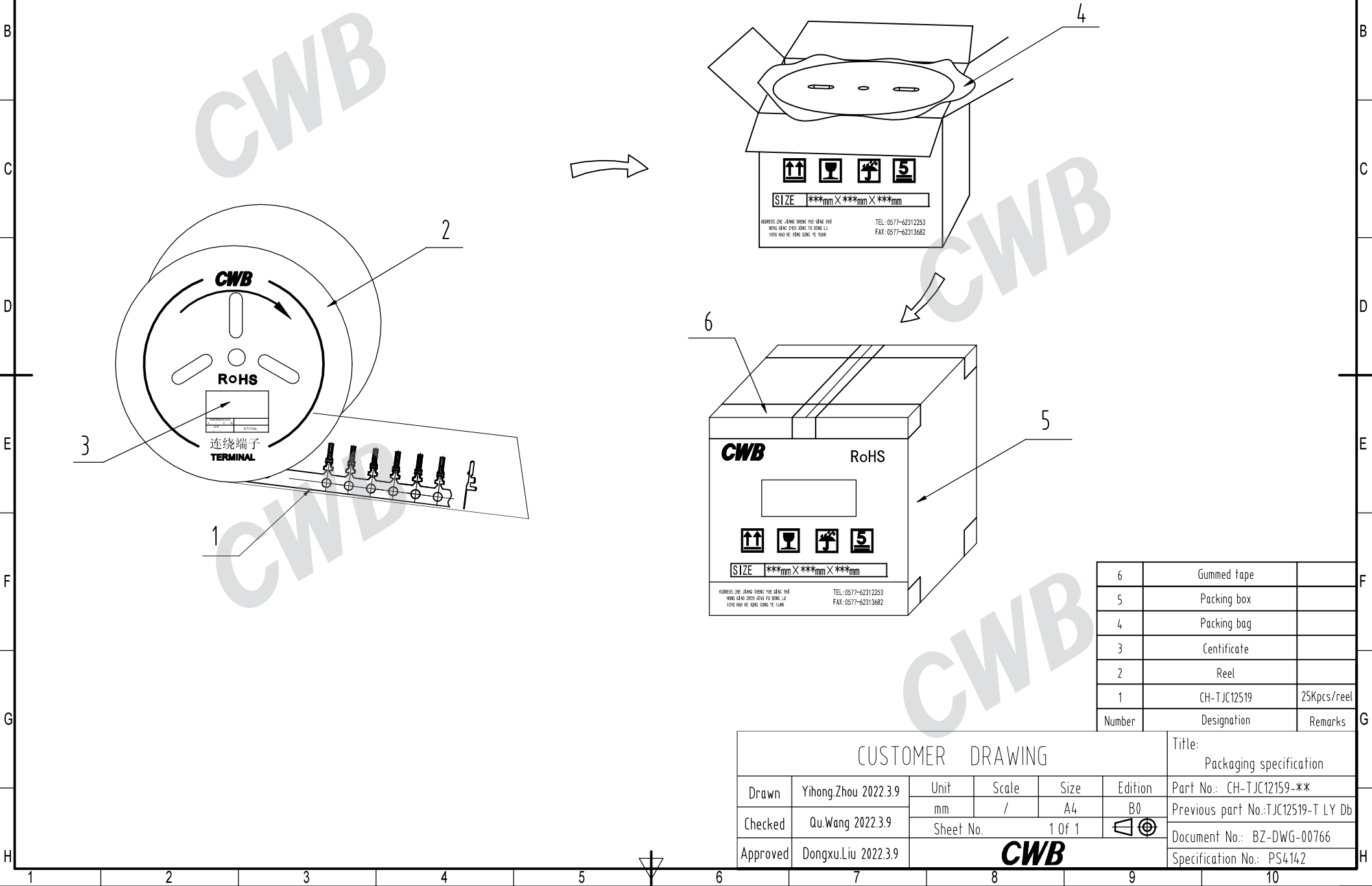


Notes:

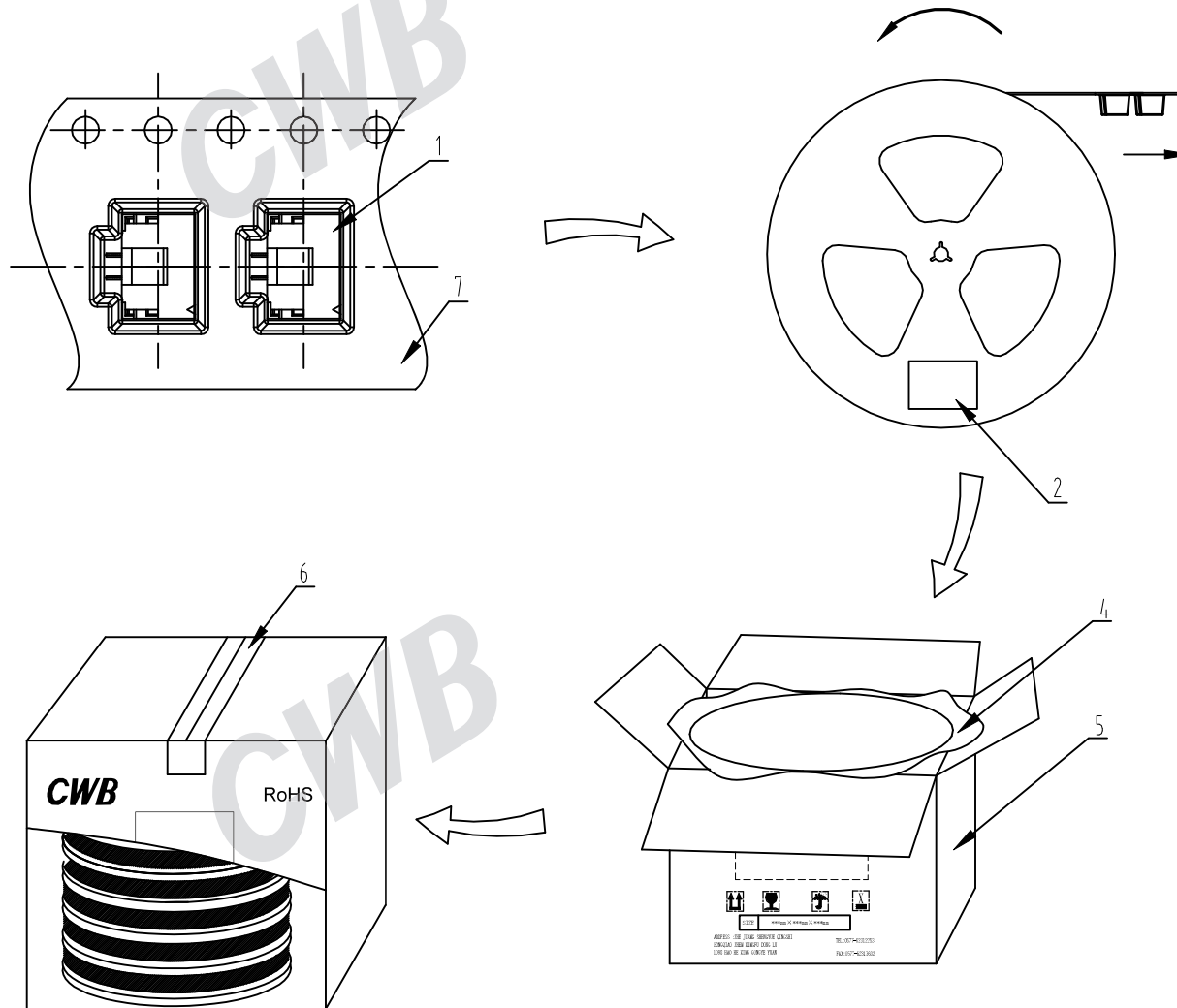
- 1.Material: PA66 UL94 V-0
- 2.Matched header: TJC12519-nAB/TJC12519-nAWB;
- 3.Matched contact: CH-TJC12519
- 4.Packaging: packing bag
- 5.Compliant to the current RoHS

CUSTOMER DRAWING						Title: 125mm pitch WTB housing	
Drawn	Yihong.Zhou	2022.3.9	Unit	Scale	Size	Edition	Part No.: TJC12519-nY(*-*—*)
Checked	Qu.Wang	2022.3.9	mm	4:1	A4	B0	Previous part No.: /
			Sheet No. 1 Of 1				Document No.: CP-DWG-01399
Approved	Dongxu.Liu	2022.3.9	CWB				Specification No.: PS4124

General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	50~120	±0.55					



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	Carrier tape		TJC12519-15AWB	2000	
6	Gummed tape		TJC12519-14AWB	2000	
5	Packing box		TJC12519-13AWB	2000	
4	Packing bag		TJC12519-12AWB	2000	
3	Reel		TJC12519-11AWB	2000	
2	Certification		TJC12519-10AWB	2000	
1	TJC12519-nAB/TJC12519-nAWB		TJC12519-9AWB	2000	
			TJC12519-8AWB	2000	
			TJC12519-7AWB	2000	
			TJC12519-6AWB	2000	
			TJC12519-5AWB	2000	
			TJC12519-4AWB	2000	
			TJC12519-3AWB	2000	
			TJC12519-2AWB	2000	
			TJC12519-15AB	2000	
			TJC12519-14AB	2000	
			TJC12519-13AB	2000	
			TJC12519-12AB	2000	
			TJC12519-11AB	2000	
			TJC12519-10B	2000	
			TJC12519-9AB	2000	
			TJC12519-8AB	2000	
			TJC12519-7AB	2000	
			TJC12519-6AB	2000	
			TJC12519-5AB	2000	
			TJC12519-4AB	2000	
			TJC12519-3AB	2000	
			TJC12519-2AB	2000	
Number	Designation	Remarks	Part No.	Pcs/reel	Remarks

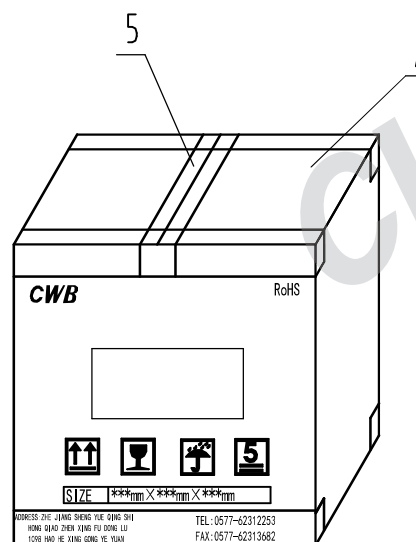
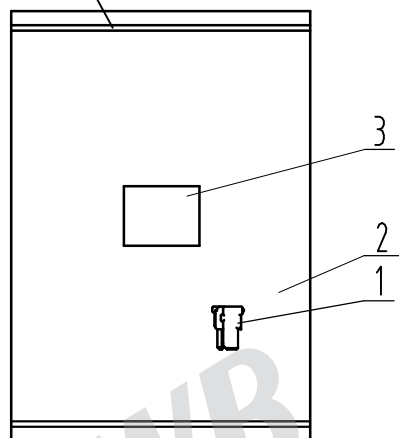
CUSTOMER DRAWING						Title: Packaging specification of 12SPitch WTB header	
Drawn	Ylhong.Zhou 2022.3.9	Unit	Scale	Size	Edition	Part No.: TJC12519 series header	
Checked	Qu.Wang 2022.3.9	mm	/	A4	B0	Previous part No.: /	
Approved	Dongxu.Liu 2022.3.9	Sheet No. 1 Of 1					Document No.: BZ-DWG-00767
CWB						Specification No.: PS4142	

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

Packing box

Sealed



5	Gummed tape	TJC12519-15Y	1000	
4	Packing box	TJC12519-14Y	1000	
3	Certificate	TJC12519-13Y	1000	
2	Packing bag	TJC12519-12Y	1000	
1	TJC12519-nY	TJC12519-11Y	1000	
		TJC12519-10Y	1000	
		TJC12519-9Y	1000	
		TJC12519-8Y	1000	
		TJC12519-7Y	1000	
		TJC12519-6Y	1000	
		TJC12519-5Y	1000	
		TJC12519-4Y	1000	
		TJC12519-3Y	1000	
		TJC12519-2Y	1000	
Number	Designation	Part No.	Pcs/bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Yihong.Zhou	2022.3.9	Unit	Scale	Size	Edition	Part No.:TJC12519-nY(*-**)
Checked	Qu.Wang	2022.3.9	mm	/	A4	B0	Previous part No.: /
			Sheet No.		1 Of 1		Document No.: BZ-DWG-00768
Approved	Dongxu.Liu	2022.3.9	CWB				Specification No.: PS4142

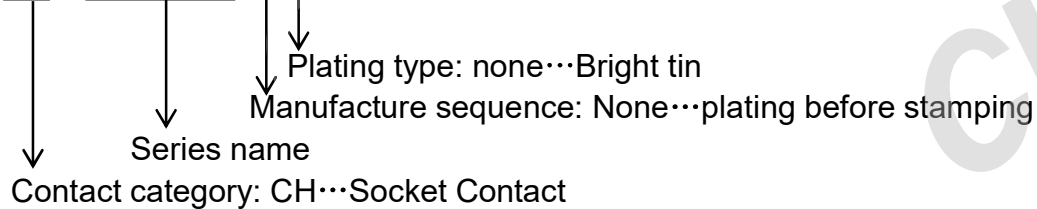
TJC12519 系列命名规则

TJC12519 series naming conventions

1. Contact

CH-12519-**-*

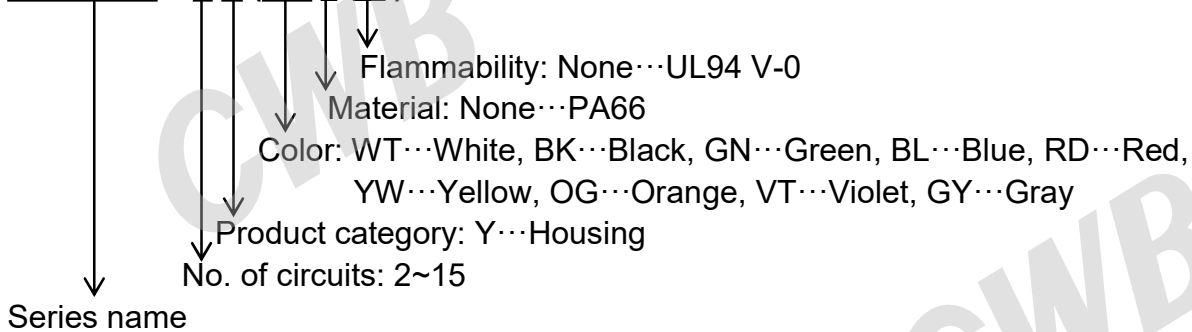
CH - TJC12519 - * *



2. Housing

TJC12519-nY (**-*)

TJC12519 - n Y (WT * -*)



3. SMT Header

TJC12519-nAB (**-*), TJC12519-nAWB (**-*)

TJC12519 - n A * B (NL * -*)

