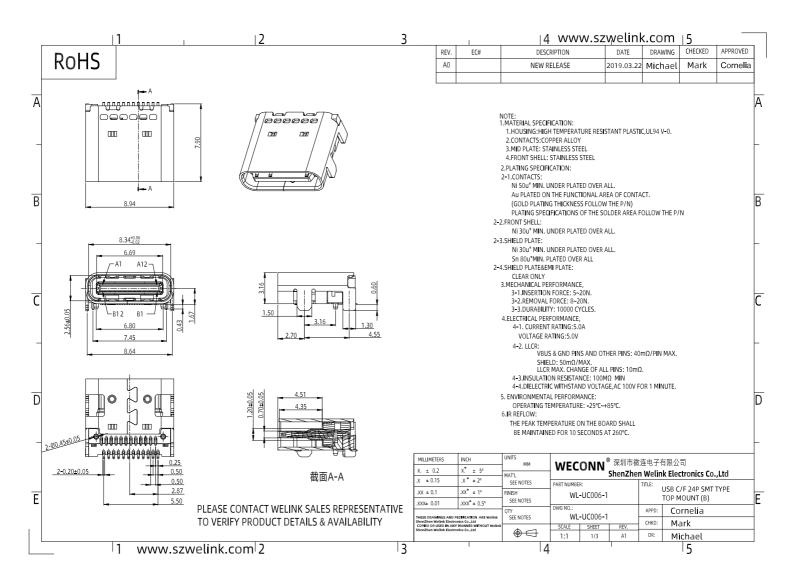
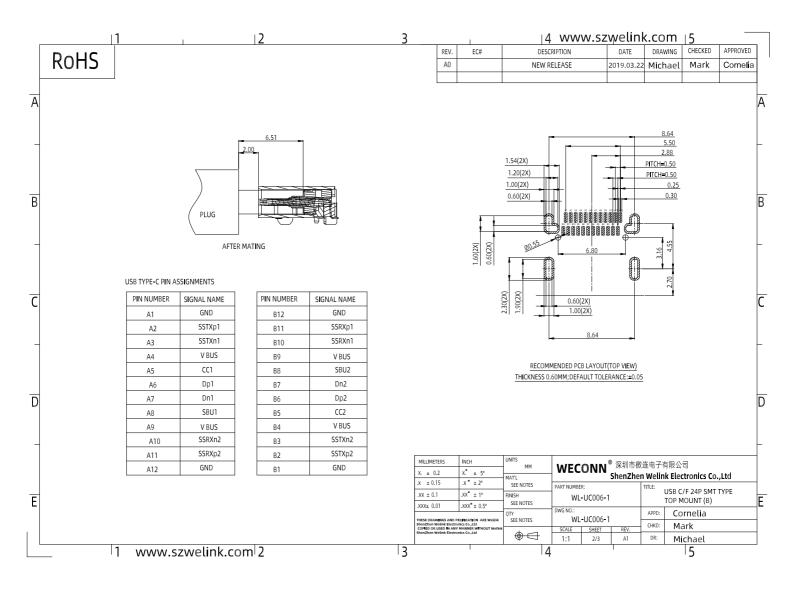
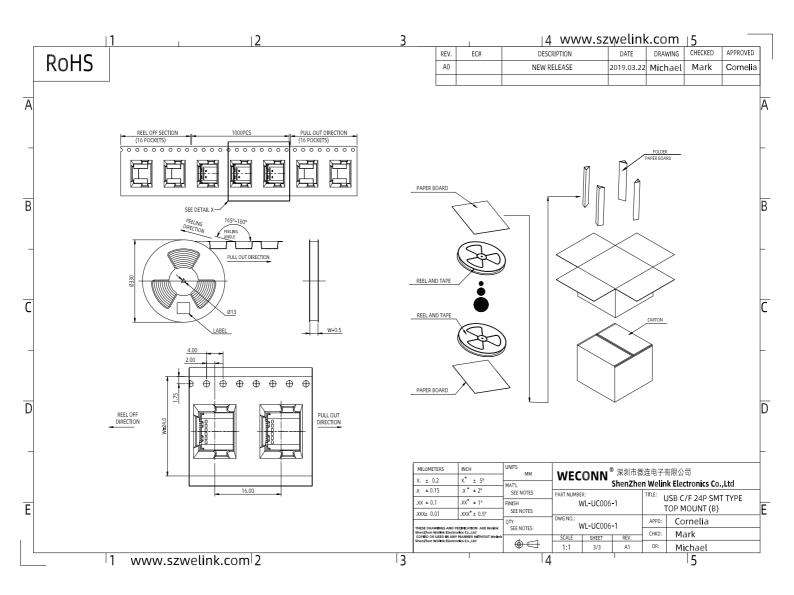
承 認 書

SPECIFICATION FOR APPROVAL

,	SPECII	FICATION FOR A	PPROVAL	
客戶名稱:				
CUSTOMER:				
品名/規格:	СЕЗ	双排 SMT24P长7.9 有标	 	
DESCRIPTION:	———	——————————————————————————————————————		
本厂料號:				
Link Function NO	Э.:			
制作日期:		0000 00 44		
PRODUCTION I	DATE.:_	2022-03-11		
		客戶承認		
核准 APPRO	VED	审核 AUDITOR	确认 CHECKED	
供应商确认盖章				
核准 APPRO	VED	审核 AUDITOR	制作 REPARED	







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APPROVED	CHECKED	PREPARED

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***** REVISION HISTORY*****

版次	ECN NO.	修訂頁次	備 註
Α	E18011901	First Issue	/
В	E22010701	Sheet4 and 7	新增温升测试

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1. SCOPE(范围)

1.1. Contents(目录)

This specification covers the performance, tests and quality requirements for the **Type.C plug and Receptacle connector.**

此份规格书包含了 Type.C 插头和母座连接器的性能,测试及品质要求。

1.2. Qualification(条件)

When tests are performed on the subject product line, the procedures specified specifications shall be used. All inspections shall be performed using the applicable inspection plan and product drawing.

当所有测试项目被应用于生产线时,规格书上的这写指定程序将被使用,所有的检验须按照对应的检验规范及产品 图纸执行。

2. APPLICABLE DOCUMENT(执行文件)

The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, the latest edition of the document applies. 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.

源于此规格书的部分文件仅限于此,除非有最新版本文件指定发行,当此规格书标准与产品图纸有冲突时,以产品图纸为准,当此规格书与参考文献相冲突时,以此规格书为准。

3. REQUIREMENTS(要求)

3.1. Design and construction(结构设计)

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing.

产品的设计,结构和物理尺寸须详细的标示在产品图纸上

3.2. Materials(材质)

A. Housing: refer to drawings

胶芯:参考产品图纸

B. Terminal: refer to drawings

端子:参考产品图纸

C. Shall: refer to drawings

外壳:参考产品图纸

3.3. Ratings(额定参数)

A. Voltage: 5 V DC/AC (RMS. max) 电压: 直流/交流电 5 伏最大

B. Current: 5Amps for total Vbus/Gnd pins; 1.25Amps for CC Pin,0.25 Amps. for all other contact.

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电流: Vbus/Gnd 电流 5A,CC PIN 电流 1.25A, 其他 PIN 0.25A

C. Operating temperarure:-25°C ~ +85°C

工作温度: -25°C ~ +85°C

3.4. Performance requirement and test description (性能测试要求与条件)

3.5. Test requirements and procedures summary (测试条件与步骤摘要)

	Test item(测试项目)	Requirement(规格/要求)	Requirements(步骤/条件)
1	Appearance of product 产品外观	Meets requirements of product drawing. No physical damage 对照产品图纸,无物理损伤	Visual inspection. EIA-364-18 目视检查,参考 EIA-364-18
EI	ectrical Requirement(电气性能)	
2	Contact Resistance 接触电阻	50mΩ max for shield (initial) 40mΩ max for other (initial) 10mΩ max change for post test 铁壳初始时最大 50 毫欧 端子初始时最大 40 毫欧 测试后最大增加 10 毫欧	Subject mated contacts assembled in housing to 20mV max open circuit at 100mA max. EIA-364-23B 端子与胶芯组装后,最大电压 20 毫伏,短路电路最大 100 毫安培参考 EIA-364-23B
3	Dielectric withstanding voltage 耐电压	No flashover& spark over & excess leakage & breakdown 不可跳火,不可有火花,不可超出泄露额,不可击穿	contacts of mated and unmated connector
4	Insulation resistance 绝缘阻抗	Initial:100 MΩ min. Final(post test) 100 MΩ min. 初始:最小 100 兆欧姆 最终(测试后)最小 100 兆欧姆	Test voltage 100±10V DC between adjacent contacts of mated and unmated connector assemblies interval of shield case and contacts too in the same way. EIA-364-21C 100±10 伏直流电下测试相邻位配对连接器间电路 参考 EIA-364-21C

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5	Temperature rise 温升	测试后,最大温升30 ° C Max After tests maximum increase for environmental temperature, 30 ° C Max	Refer to EIA-364-70B,Method 1. 参考EIA-364-70B,Method 1.
Me	chanical requirement(几械性能)	
6	Mating force 插入力	0.5~2Kgf . 0.5~2 公斤力	Measure force necessary to mate connector assemblies at maximum rate of 30cycles/min. EIA-364-13 测试插入力需要配对的连接器完全契合,运行速度 30 次每分钟 参考: EIA-364-13
7	Unmating force 拔出力	0.8~2Kgf. 0.8~2 公斤力	Measure force necessary to mate connector assemblies at maximum rate of 30cycles/min. EIA-364-13 测试插入力需要配对的连接器完全契合,运行速度 30 次每分钟 参考: EIA-364-13
8	Durability 耐久性	Mating force: 0.5~2Kgf Unmating force: 0.8~2Kgf Contact resistance:10mΩ max change for post test appearance :no breakdown 插入力: 0.5~2 公斤力 拔出力: 0.8~2 公斤力 接触阻抗:测试完成后改变最大增 加 10 毫欧	Mate and unmated connector assemblies for 10,000 cycles at. Cycle rate of 500 cycles per hour if done EIA-364-09 插拔次数 10,000 次,速度 500 次每小时,参考:EIA-364-09

En	Environmental requirements(环境性能)						
			Solder temperature:265±5°C				
	Solder-ability Solder tails shall pass 95% min Duration	Duration:15±0.5sec .EIA-364-52					
9	可焊接性	coverage	焊接温度: 265±5℃				
	可好性	粘锡面积最小 95%	持续时间: 15±0.5sec.				
			参考 EIA-364-52				

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10	Resistance to soldering heat 耐焊锡热量	No physical damage shall occur 无外观损伤	Pre heat:150~180°C,90±30sec. Heat:230°C min., 35±5sec Peak temp.: 265°C max. Duration:2 cycles 初始温度: 150~180 摄氏度, 90±30 秒 温度: 最小 230 摄氏度, 35±5 秒 最高温度: 最大 265 摄氏度
11	Thermal shock 热冲击	Contact resistance:10mΩ max Change for post test 接触阻抗:测试完成后改变最大增 加 10 毫欧	Mated connector -55±3°C(30minutes),+85±2°C(30minutes) Perform this 1 cycle ,repeat 10 cycles EIA-364-32C condition 1 朱将连接器放置于-55±3 摄氏度环境中三十 分钟,再置于+85±2 摄氏度环境中三十分钟, 此为一周期,重复 10 周期次 参考 EIA-364-32C 条件 1
12	Humidity life 恒温恒湿	Withstand voltage: no breakdown Insulation resistance:100 MΩ Min. Contact resistance:10mΩ max. change for post test Appearance:no breakdown 耐电压:不可击穿绝缘阻抗:最小 100 兆欧接触阻抗:测试完成后最大增加 10毫欧 外观:无损伤	Mated connector 25~65°C, 90~95% RH, 1 cycle:24 hours, 4cycles EIA-364-31B 将连接器放置于温度 25~65 摄氏度, 90~95% RH 湿度中,一次 24 小时,共 4 次 参考 EIA-364-31B
13	Temperature life (heat aging) 高温老化	Withstand voltage: no breakdown Insulation resistance:100 MΩ Min. Contact resistance:10mΩ max. change for post test Appearance:no breakdown 耐电压:不可击穿 绝缘阻抗:最小100 兆欧接触阻抗:测试完成后最大增加10毫欧 外观:无损伤	Mated connector to 105±2°C for 120 hours upon completion of the exposure period, test exposure period the test specimens shall be conditioned at ambient room, conditions for 1 to 2 hours, after which the specified measurements shall be performed. EIA-364-17B 将连接器放在105±2摄氏度环境下120小时后取出放在室温下1到2小时候后按制定方法测量参考EIA-364-17B
14	Salt spray 盐雾测试	Contact resistance:10 mΩ max change for post test appearance: by visual inspection terminal without noticeable rust 接触电阻:测试完成后最大增加 10毫欧,对试验后的外观变化:通过目视检查端子没有明显的锈迹	Subject mated connectors to 35±2°C and 5±1% salt condition for 48 hours. After test, rinse the sample with water and recondition the room temperature for 1 hour EIA-364-26B 将连接器放置于温度 35±2 摄氏度,盐水浓度 5±1%条件下 48 小时后,用清水清洗样品置于室温条件下 1 小时参考 EIA-364-26B

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3.6. TEST SEQUENCE(测试顺序)

Toot Itom(测)土面 日)	Test Group and Sequence(测试组及顺序)									
Test Item(测试项目)		В	С	D	Е	F	G	Н	I	
1.Appearance 外观	1,8	1,9	1,9	1,9	1,9	1,5	1,3	1,3	1,3	
2.Low level contact resistance 接触电阻	2,5	2,8	2,6	2,6	2,6	2,4				
3.Dielectric Withstanding Voltage 耐电压	4,7		4,8	4,8	4,8					
4.Insulation Resistance 绝缘阻抗	3,6		3,7	3,7	3,7					
5.Temperature rise 温升									2	
6.Mating Force 插入力		3,6								
7.Un-mating Force 拔出力		4,7								
8.Durability 耐插拔		5								
9.Solder-ability 可焊接性							2			
10.Resistance to soldering heat 耐焊锡热								2		
11.Thermal shock 热冲击				5						
12.Humidity life 恒温恒湿			5							
13.Temperature life 高温老化					5					
14.Salt spray 盐雾测试						3				