

深圳市首韩科技有限公司

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承 认 书

SPECIFICATION FOR APPROVAL

客户 Customer:			
首韩型号:	TYPE-C 16P母座073		
厂家型号:	TYPE-C 16P (073)		

贵公司承认印 Approal signatures

料 号/Part No.	签 章/Signatures

日期 Date:

拟制/Drawn	李春风	《岩藍科技有图》
审核/Check	张栋	THE WAR THE
批准/Approved	罗孝金	工程专用草



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RAT	ING(额定值):	DC 5V 5A				
TEM RAN	CTICAL IPERATURE IGE 温度范围	-25~85° C 在-25° C~+85° C 温度内使用				
ATM CON	NDARD IOSPHEIC IDITIONS 标准状度	UNLESS OTHERWISE SPECIFIED THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS: (1) BETWEEN BODY AND CONDUCTOR: 5°C TO 35℃ (2) BETWEEN CONDUCTORS NOT TO BE CONTACT: 45% TO (3) PRESSURE: 86Kpa TO 106Kpa 在没有指定的情况下测试温度、湿度、气压如下: (1) 温度为 5℃~35℃ (2) 湿度为 45%~85% (3) 气压为 86 Kpa~106Kpa	85%			
MEC	CHANICAL(机械·	性能)				
	ITEM 项目	TEST CONDITIONS 测试条件	PERFORMANCE 规格			
1	CONNECTION FORCE 插入力度	MEASUREMENT SHALL BE MADE AFTER CONNECTING AN DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES。依据标准的 PLUG GAUGE 做第 3 次拔插后测定				
	DISCONNECTI ON FORCE 拔出力度	MEASUREMENT SHALL BE MADE AFTER CONNECTING AN DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES。依据标准的 PLUG GAUGE 做第 3 次拔插后测定				
2	TERMINAL STRENGTH 端子强度	A STATIC LOAD OF 0.1N/m(1kgf/cm)SHALL BE APPLIED TO THE TIP OF THE TERMINAL FOR 1 MIN IN ANY DIRECTION 向排脚先端的任意一个方向加 1 分钟 0.1N/m(1kgf/cm)的力度.	THERE SHALL BE NO DAMAGE TO THE TERMINAL SUCH AS CRACKS, LOOSENESS OR PLAY ELECTRICAL, AND MECHANICAL CHARACTERISTICS SHALL BE SATISFIED 在排脚中没有裂开、松动等异常,满足于机械、电气性能			
ELE	L CTRICAL(电气性	能)				
	ITEM 项目	TEST CONDITIONS 测试条件	PERFORMANCE 规格			
3.1	CONTACT RESISTANCE 接触电阻	MEASURED AT SMALL CURRENT (100m A OR LESS) 1000Hz 在微小电流(100 m A)以下测试	$40 \mathrm{m}\Omega$			
3.2	INSULATION RESISTANCE 绝缘电阻	APPLY A VOLTAGE OF 100V DC FOR 1 MIN TO FOLLOWING PORTIONS AFTER WHICH MEASUREMENT SHALL BE MADE: (1) BETWEEN BODY AND CONDUCTOR (2) BETWEEN CONDUCTORS NOT TO BE CONTACT (3) BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERTED DC100V 1 MIN 输入 100V DC 电压 1 分钟,按以下接触方法测试: (1) 插座体与排脚之间 (2) 不接触的排脚之间 (3) 插头插入时不接触排脚之间	100M Ω			



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3.3	DIELECTRIC STRENGTH 耐电压	AC 100V ims(50~60Hz)FOR 1 MIN TRIP CURRENT:0.5mA (1) BETWEEN BODY AND CONDUCTOR (2) BETWEEN CONDUCTORS NOT TO BE CONTACL (3) BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERTED DC 100V 1 MIN 输入 AC 100V (50Hz)/min 电压 1 分钟感度电流为 0.5mA, 按以下接触方法测试: (1) 插座体与排脚之间 (2) 不接触的排脚之间 (3) 插头插入时不接触排脚之间	WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC 没有绝缘破坏等异常
URAB	ILITY (耐久性)		
	ITEM 项目	TEST CONDITIONS 测试条件	PERFORMANCE 规格
4. 1	SOLDERA- BILITY TEST 可焊性试验	THE TOP OF THE TERMINALS SHALL BE DIPPED 1mm IN THE SOLDER BATH OF 250±5℃ FOR 5±0.5 SECONDS 端子顶部被浸入锡池中 1mm 深,温度为 250±5℃,时间为 5±0.5 秒	(1) SOLDER WETTING TIME SHALL BE 3 SEC OR LESS 焊接时间应少于 3 秒 (2) THE AREA OF SOLDERING SHOULD BE OVER 75% 焊接面积应有 75%以上
4.2	RESISTANCE TO SOLDERING HEAT TEST 耐焊性试验	REFLOW SOLDERING CONDITIONS: PREHEAT:TEMPERATURE ON THE COPPER FOIL SURFACE SHOULD REACH 180 .120S AFTER THE P.C.B ENTERED INTO THE SOLDERING EQUIPMENT. TALLEST TEMPERATURE:TEMPERATURE ON THE COPPER FOIL SURFACE SHOULD REACH THE PEAK TEMPERATURE OF 260±5 WITH IN 20 SECONDS. 过回流焊条件: 预热:电镀层表面的温度应达到 180°C,120s 后电路板进入回流焊设备。 最高温度:电镀层表面温度最高为 260±5°C 且停留不超过 20 秒。	WITHOUT DEFOR MATION OF CASE OR EXCESSIVE LOOSENESS OF TEMINALS ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED 本体无变形,满足于机械、电气性能

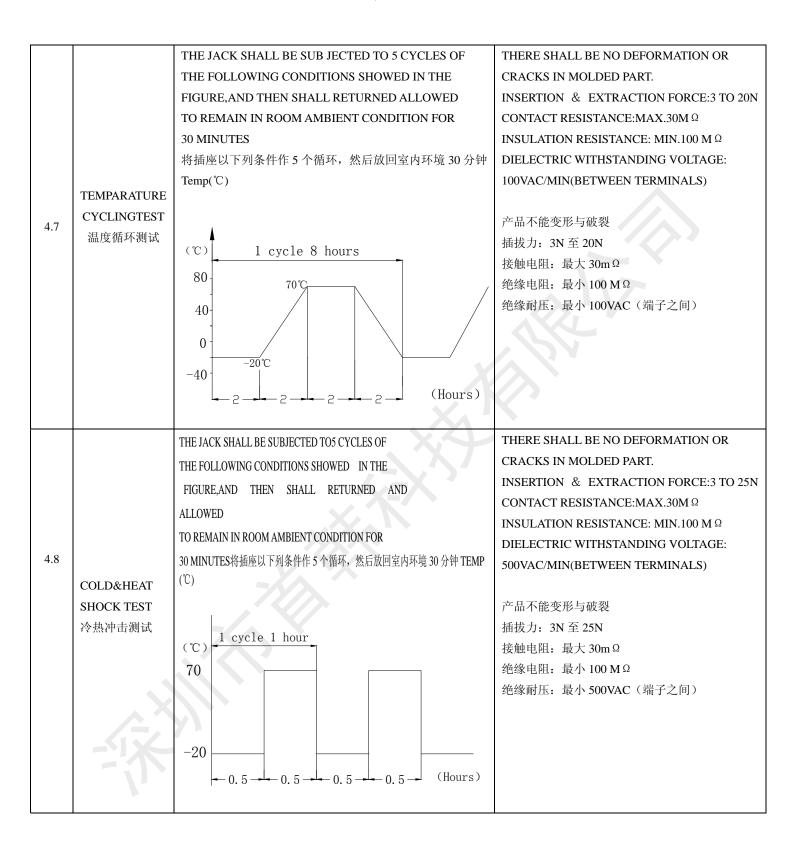


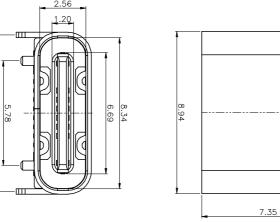
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4. 2	RESISTANCE TO SOLDERING HEAT TEST 耐焊性试验	SOLDERING IRON METHOD: BIT TEMPERATURE 330±5℃ APPLICATION TIME OF SOLDERING IRON3±0.5 SEC HOWEVER EXCESSIVE PRESSURE SHALL NOT BE APPLIED TO THE TERMINAL 手焊接的时候温度需控制在 330±5℃ ,时间 为 3±0.5 秒,但不能在排脚上施加异常压力。	WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TEMINALS ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED 本体无变形,满足于机械、电气性能
4. 3	HUMIDITY TEST 潮湿试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF 40 ± 2 C AND A HUMIDITY OF 90% TO 96% FOR 96 Hr,THEN THE JACK SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 Hr FOR OTHER PROCEDURES 放置 40 ± 2 C 的相应湿度为 90 ~96% Hr 环境中 96 小时后,再将样板放在正常环境中 1 小时后进行测试	THERE SHALL BE NO DAMAGE ON APPEARANCE. MECHANICAL AND ELECTRICAL
4.4	HEAT TEST 耐热试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF70±2℃ FOR 96 HOURS, AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY MBASURBM 放置在温度 70±2℃中测试 96 小时后,再放置正常室温中 1 小时来测定	CHARACTERISTICS SHALL BE SATISFIED 外观无异常,满足于机械、电气性能。
4. 5	COLD TEST 耐寒试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF-25±3℃ FOR 96 HOURS AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH 放置在温度-25±3℃中 96 小时后,再放置常温常湿中 1 小时来测定	THERE SHALL BE NO DAMAGE ON APPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED 外观无异常,满足于机械、电气性能
4. 6	LIFE TEST 寿命试验	WITHOUT LOAD CONNECTION AND DISCONNECTION SHALL BE MADE WITH THE MATING PLUGS AND JACKS FOR 10000 CYCLES AT A SPEED OF 10 TO 25 CYCLES/MIN 无负荷 将结合了的标准Plug(尽量要近于中心的)在1分钟内以10-25的速度,进行10000次插入,拔出 LOAD: AT RATING CONDITION (NON-INDUCTIVE LOAD) CONNECTION AND DISCONNECTION SHALL BE MADE 10000 CYCLES AT A SPEED 10 TO 20 CYCLES / MIN 负荷 以定格状态(无诱导负荷)在1 分钟内以10-20次 的速度进行 10000 次插入、拔出	(1) CONTACT RESISTANCE SHALL BE ≤ 0.1 Ω (2) DISCONNECTION FORCE SHALL BE 0.8 TO 2.0N (3) MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED (1) 接触电阻≤0.1 Ω (2) 拔出力是 0.8~2.0N (3) 其它:满足于机械,、电气性能



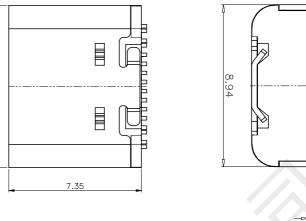
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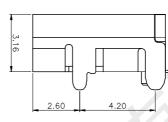


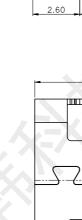


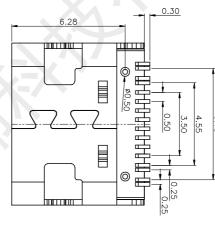
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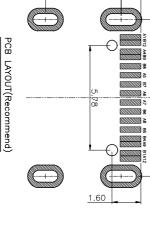
8.65











8.64

(General Tolerance:±0.05)

P	ASSIGNMENTS	S	
Α5	CC1	B12	GND
A9	VBUS	В9	VBUS
A12	GND	В5	CC2
PIN	SIGNAL NAME	PIN	PIN SIGNAL NAME

NOTE:

1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.CONTACTS:COPPER ALLOY

0.50

1.00

3.MID PLATE: STAINLESS STEEL 4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS: Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

SEE TABLE1.

2-3.SHIELD PLATE&EMI PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.REMOYAL FORCE: 0.8kgf~2.0kgf.

4.ELECTRICAL PERFORMANCE, 4-1. CURRENT RATING:5.0A 3-3.DURABILITY: 10000 CYCLES.

VOLTAGE RATING:5.0V

4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mn/PIN MAX.
SHIELD: 50mn/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mn.
4-3.INSULATION RESISTANCE: 100Mn MIN
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

6.IR REFLOW: OPERATING TEMPERATURE: -25°C~+85°C.

BE MAINTAINED FOR 10 SECONDS AT 260°C. THE PEAK TEMPERATURE ON THE BOARD SHALL

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X.XXX ±0.05	±0.10 X.XX	±0.15 X.X	±0.20 X.	DECIMALS:	SPECIFED TOLERANCES	UNLESS OTHERWSE
	X.XX.	×.×·	×	ANGLES	rolera	HERWS
	±0.5°	±1:	±2*	LES	NCES	E
	Approved.	Checked.	Drdwn.	⊥	D)
	罗孝金	张栋	李春风	/PE-C	SHOUHAN 7	** ** **
CUSTOMER COPY	SIZE. A4	SCALE. 1:8	PART NO.	16Pin板上		7年世长
COPY	SHEET. 1 OF 1	mm TINU		TYPE-C 16Pin板上四脚插板3次模顶073	郭介汉	- 十一 1
	REV. A	PROJ.		次模顶073	》是《 深圳川自种件权有限公司	