



REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE		

NOTE:

1. MATERIAL SPECIFICATION:

1. HOUSING: LCP E1301, UL94V-0.
2. CONTACTS: C7025
3. MID PLATE: SUS304
4. FRONT SHELL: P.M

2. PLATING SPECIFICATION:

2-1. CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2. FRONT SHELL:

- Ni 120u" MIN. UNDER PLATED OVER ALL.

2-3. MID PLATE:

- CLEAR ONLY

3. MECHANICAL PERFORMANCE,

- 3-1. INSERTION FORCE: 0.5~2.0kgf.
- 3-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3. DURABILITY: 10000 CYCLES.

4. ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V

4-2. LLCR:

- VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.

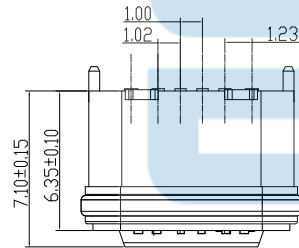
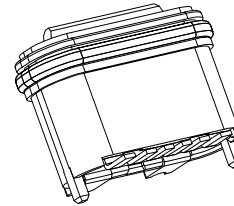
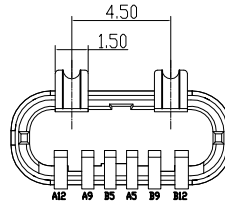
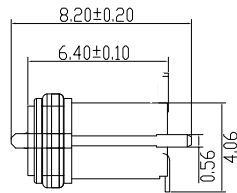
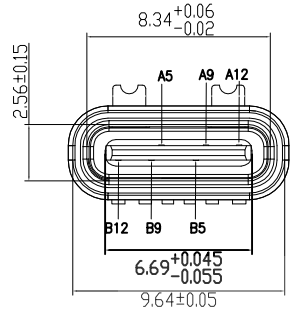
4-3. INSULATION RESISTANCE: 100MΩ MIN

4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

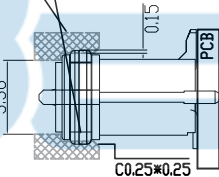
5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25° C~+85° C.
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260° C.

6. WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX7.

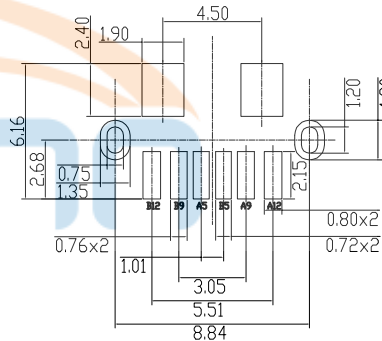
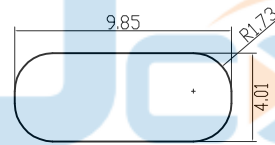


机壳与胶圈干涉建议单边0.15最小, 胶圈尺寸跑上限.

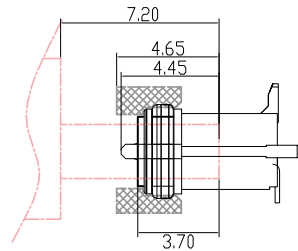
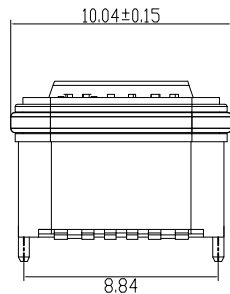


← 装配方向
组装示意图

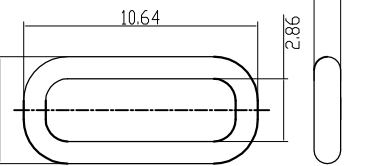
开孔尺寸参考
组装外壳时需要打环保润滑油



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05(TOP VIEW)



plug插入深度参考图



胶圈使用尺寸参考图



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME					CC1				VBUS			GND
PIN NUMBER	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND			VBUS				CC2				

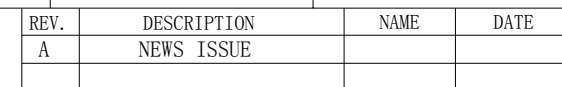
TOLERANCE UNSPECIFIED	
.0	±0.35
.00	±0.25
.000	±0.15
X.°	±2.00°
CUSTOMER DRAWING	

深圳市步步精科技有限公司

TITLE: TYPE-C 6P 防水母座 直立式 H=6.40

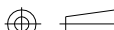
舌片外漏0.75 两脚插两脚贴 端子SMT 防水IPX7 常规款

DRAWN/ DATE	设计 LHC	SIZE: A4	UNIT: MM.	PART. NO:	UC.01.63-1W-0006
CHECKED/ DATE	审核 LYX	SCALE: 1:1	PROJECTION	REV.: 版本	
APPROVED/ DATE	核准 LJP	DWG. PATH	0482-1	SHEET: 页码	



500 / PCS卷

- 纸箱规格: 345*345*23MM
纸箱规格: 345*345*35MM

TOLERANCE UNSPECIFIED			 深圳市步步精科技有限公司 TITLE: TYPE-C 6P 防水母座 直立式 H=6.40 舌片外漏0.75 两脚插两脚贴 端子SMT 防水IPX7 常规款			
. 0 ±0.35 .00 ±0.25 .000 ±0.15 X. ° ±2.00° CUSTOMER DRAWING						
DRAWN/ DATE	设计	LHC	SIZE:A4	UNIT:MM.	PART. NO: UC.01.63-1W-0006	
CHECKED/ DATE	审核	LYX	SCALE: 1:1		PROJECTION 	REV.: 版本
APPROVED/ DATE	核准	LJP	DWG. PATH		0482-1	SHEET: 页码