

RECOMMENDED P.C.B. LAYOUT (T:0.80mm)  
TOLERANCE UNSPECIFIED ±0.05mm

REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE		

NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
  - EMI PLATE: STAINLESS STEEL
  - TOP SHELL: STAINLESS STEEL

2. PLATING SPECIFICATION:

- CONTACTS:
  - Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
Au G/F PLATED ON SOLDER AREA.
- FRONT SHELL & TOP SHELL:
  - Ni 30u" MIN. UNDER PLATED OVER ALL.
- SHIELD PLATE & EMI PLATE: CLEAR ONLY

3. MECHANICAL PERFORMANCE,

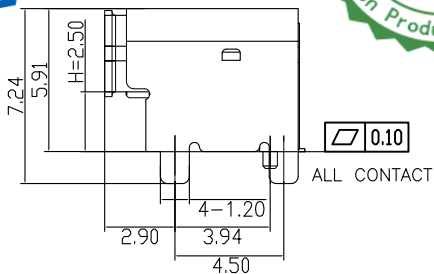
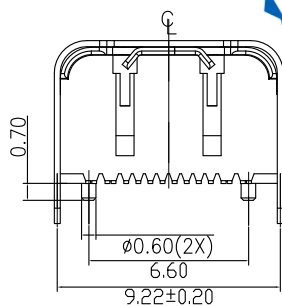
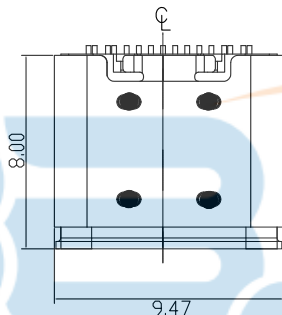
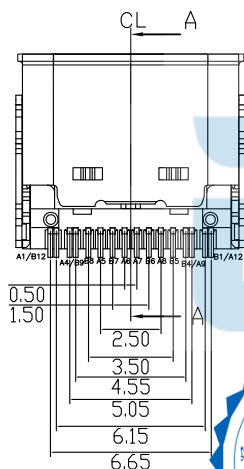
- INSERTION FORCE: 0.5 ~ 2.0kgf.
- REMOVAL FORCE: 0.8kgf ~ 2.0kgf.
- DURABILITY: 10000 CYCLES.

4. ELECTRICAL PERFORMANCE,

- CURRENT RATING: 5.0A  
VOLTAGE RATING: 5.0V
- LLCR:
  - VBUS & GND PINS AND OTHER PINS: 40mΩ / PIN MAX.  
SHIELD: 50mΩ / MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- INSULATION RESISTANCE: 100MΩ MIN
- DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25° C ~ +85° C.  
THE PEAK TEMPERATURE ON THE BOARD SHALL



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND			Vbus	CC1	Dp1	Dn1	SBU1	Vbus			GND
PIN NUMBER	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND			Vbus	SBU2	Dn2	Dp2	CC2	Vbus			GND

TOLERANCE UNSPECIFIED

.0	±0.35
.00	±0.25
.000	±0.15
X.°	±2.00°

CUSTOMER DRAWING

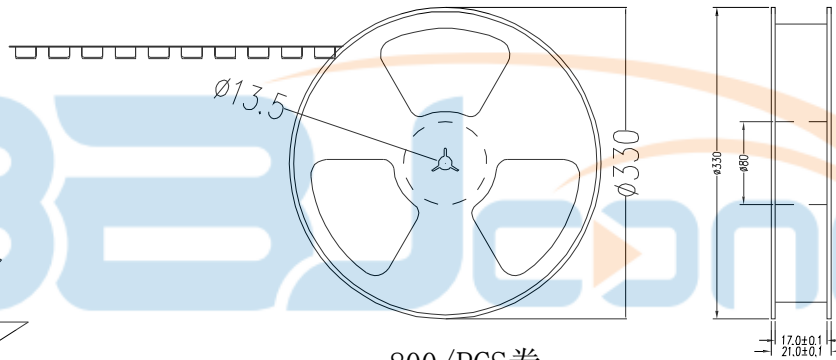
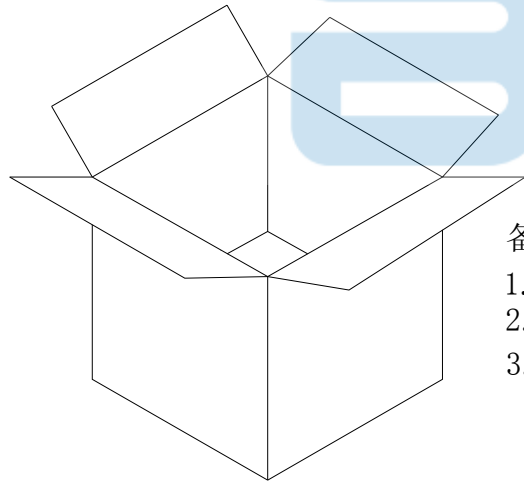
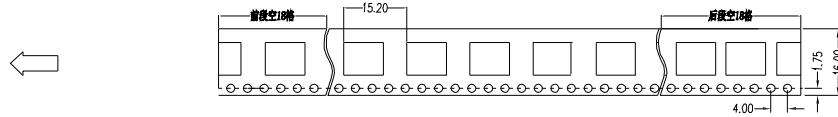
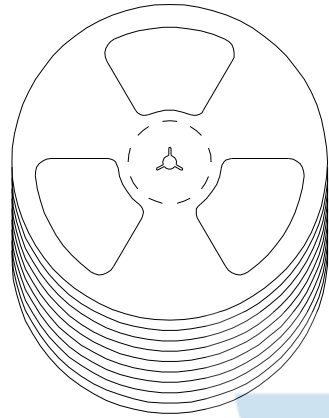
**BBJconn** 深圳市步步精科技有限公司

TITLE: TYPE-C 16P 母座 板上四脚插 带柱 L=8.0 CH=4.05  
垫高2.50mm (端子SMT)

DRAWN/ DATE	设计 TSP	SIZE: A4	UNIT: MM.	PART. NO: 126-221-160012-H8G
CHECKED/ DATE	审核 LYX	SCALE: 1:1	PROJECTION	REV.: 版本
APPROVED/ DATE	核准 LJP	DWG. PATH	0482-1	SHEET: 页码



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800/PCS卷



备注:

1. 包装数量: 800/PCS/卷, 10卷/箱或15卷/箱。
2. 包装袋长度: 每卷前后各空10-20个空格, 中间包装。

3. 材质:

载体: 聚丙烯 (PS), 阻抗 $10^{6-9} \Omega$

上带: 聚乙烯 (PET), 阻抗 $10^{6-11} \Omega$

卷盘: 聚苯乙烯。

纸箱规格: 345\*345\*23MM

纸箱规格: 345\*345\*35MM

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