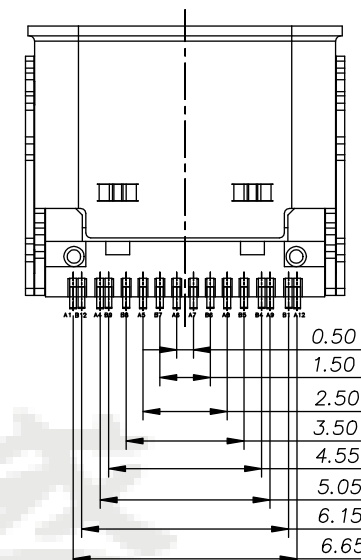
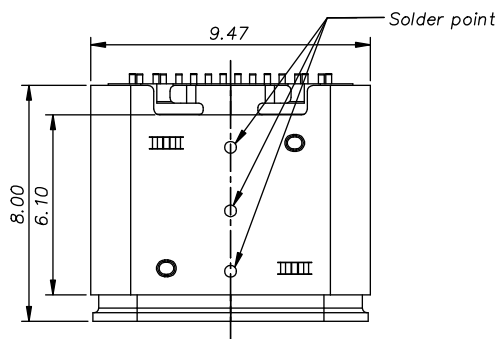
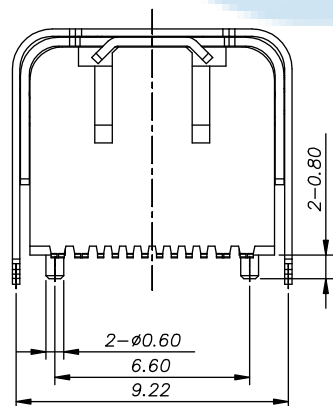
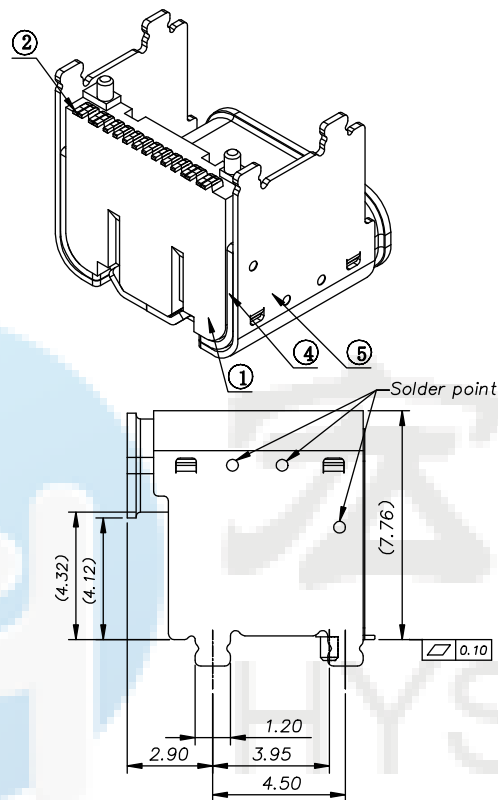
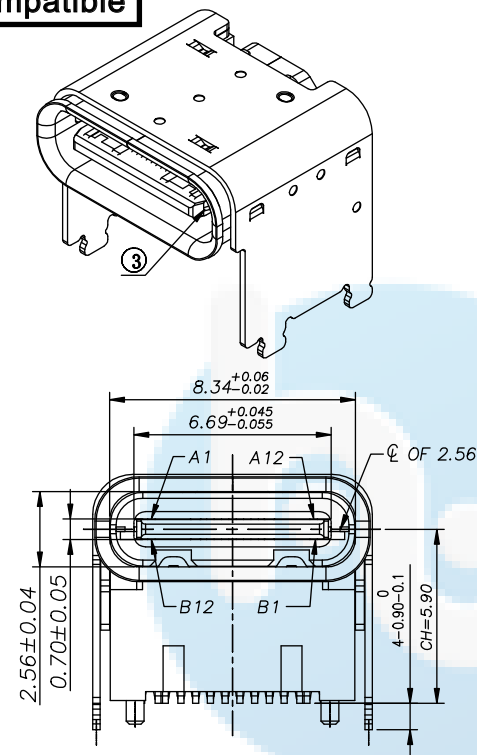


ROHS
Compatible



NOTE:

1. MATERIAL SPECIFICATION:

1. HOUSING: PA10T, UL94 V-0.
2. CONTACTS: C2680, T=0.15mm
3. MID PLATE: SUS301, T=0.15mm
4. INSIDE SHELL: SUS304, T=0.30mm
5. OUTSIDE SHELL: SUS304, T=0.25mm

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)
GOLD FLASH PLATING ON SOLDER AREA

2-2. INSIDE SHELL OR OUTSIDE SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

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: 5A

VOLTAGE RATING: 5V

- 4-2. INSULATION RESISTANCE: 100MΩ MIN

- 4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

- 4-4. LOW CONTACT RESISTANCE: INITIAL 40MΩ / AFTER 50MΩ

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -30° C~+80° C.

6. IR REFLOW:

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

U5 100- 16P x x 4.32G 8.0L
↓ ↓ ↓ ↓ ↓ ↓ ↓
名称 流水号 PIN位 N;母座 Q;卷边 G;垫高 L;长度

DESIGN	Li Jinwei	SCALL	
DRAWING	Wu Qifa	UNIT	mm
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297
APPROVAL	Liu Xiaohong	DATE	2020-06-10

TOLERANCE	
X.X ±0.30	X.° ±2°
.XX ±0.20	.X° ±1°
.XXX ±0.10	.XX° ±0.5°

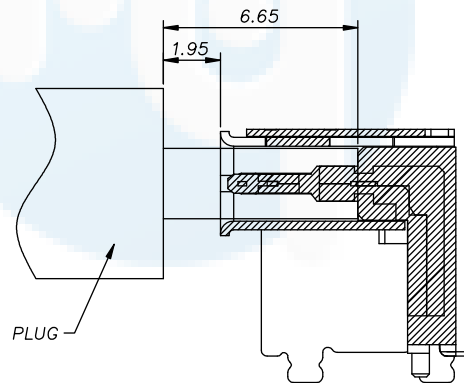
DRAWG NO.	U5100-16PNQ4.32G8.0L
TITLE:	16P 板上四脚插板SMT 卷边 垫高4.32mm CH=5.9 8.0L

东莞市宏煜盛实业有限公司
Dongguan hongyusheng Industry Co., Ltd
TEL: 0769-81230179 https://www.hystypec.com

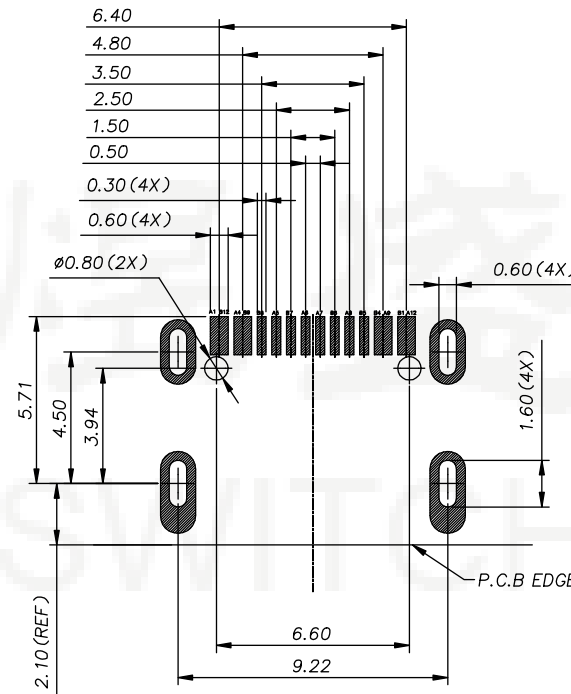
ROHS
Compatible

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



AFTER MATING
SCALE 1:1



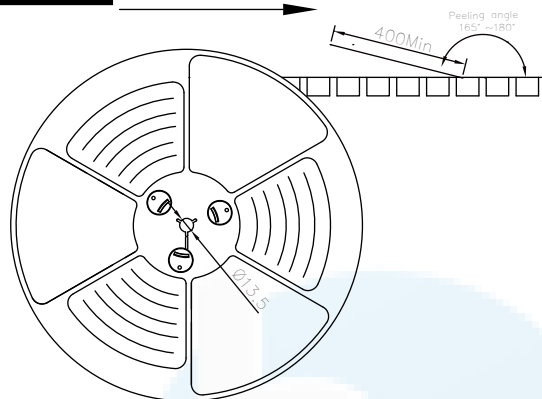
RECOMMEND P. C. B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

DESIGN	Li Jinwei	SCALL			DRAWG NO. U5100-16PNQ4.32G8.0L		东莞市宏煜盛实业有限公司 Dongguan hongyusheng Industry Co., Ltd TEL: 0769-81230179 https://www.hystypec.com
DRAWING	Wu Qifa	UNIT	mm				
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297				
APPROVAL	Liu Xiaohong	DATE	2020-06-10				
				TOLERANCE			
				X.X ± 0.30	X. $^{\circ} \pm 2^{\circ}$		
				.XX ± 0.20	.X. $^{\circ} \pm 1^{\circ}$		
				.XXX ± 0.10	.XX. $^{\circ} \pm 0.5^{\circ}$		

16P 板上四脚插板SMT 卷边 垫高4.32mm CH=5.9 8.0L

ROHS
Compatible

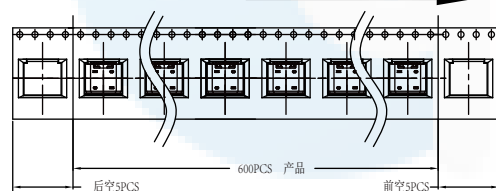
出料方向
PULL OUT DIRECTEON



NOTES

1. 帶子引導長度
LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON



2. 上帶 剝力力為: 0.1~1.3N(10.2gf~130gf)

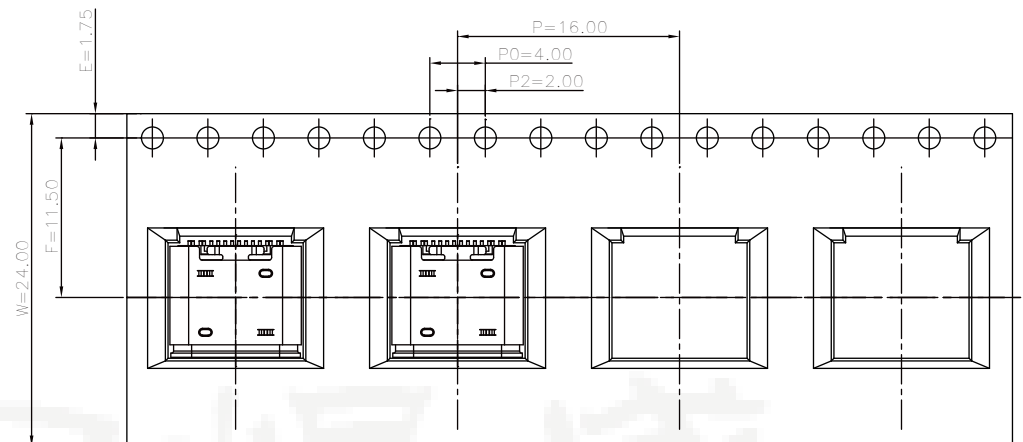
PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)

出貨運輸過程中一定注意:

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

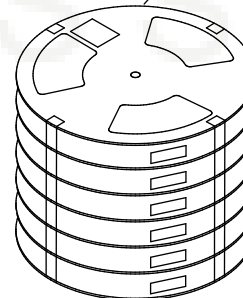
卷帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



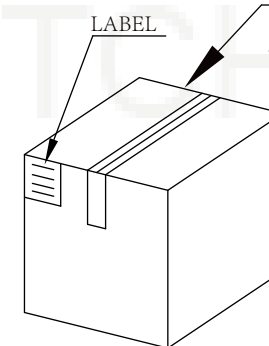
TAPE & REEL 7 PCS

1 REEL
= 600 PCS



BOX

DIMENSIONS:
39.5X39.5X20



1 CARTON
= 7 REELS
= 4200 PCS

包装明细表 (The detail of the packing) Carton

产品料号 (Product No.)	包装容量 (Packing Capacity)			重量 Weight (Kg)		
	pcs/box	boxes/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
U5100-16PNQ4.32G8.0L	600	7	4200	----	----	----

DESIGN	Li Jinwei	SC ALL			DRAWG NO. U5100-16PNQ4.32G8.0L	
DRAWING	Wu Qifa	UNIT	mm			
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297			
APPROVAL	Liu Xiaohong	DATE	2020-06-10			

TOLERANCE	
X.X ±0.30	X.°±2°
.XX ±0.20	.X°±1°
.XXX ±0.10	.XX°±0.5°

16P 板上四脚插板SMT 卷边 垫高4.32mm CH=5.9 8.0L



东莞市宏煜盛实业有限公司
Dongguan hongyusheng Industry Co., Ltd
TEL: 0769-81230179 <https://www.hystypec.com>