

F

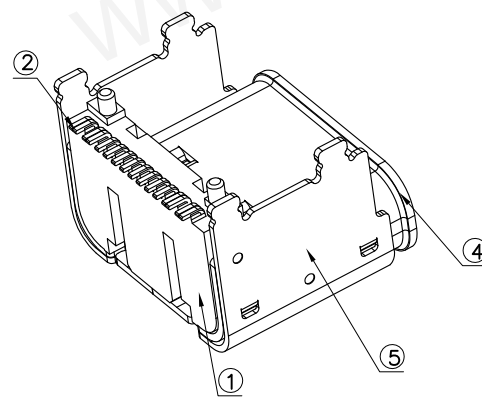
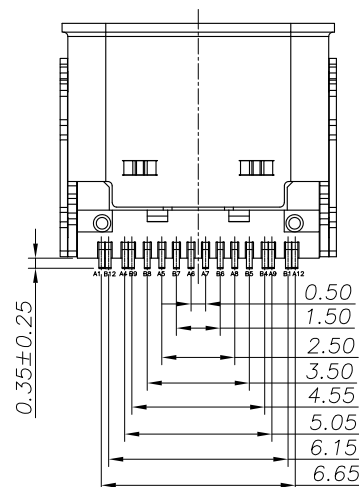
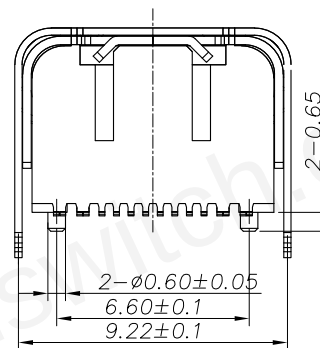
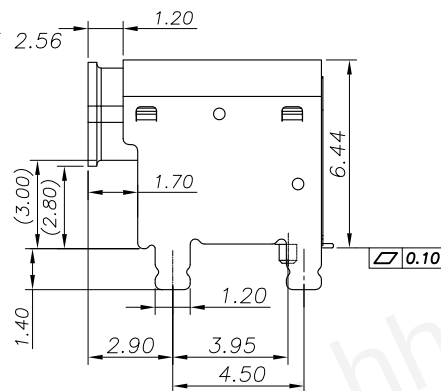
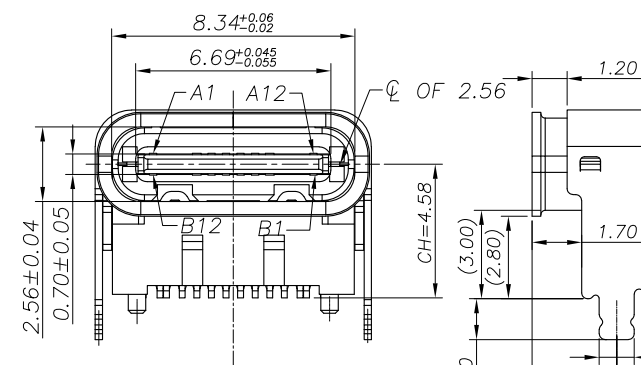
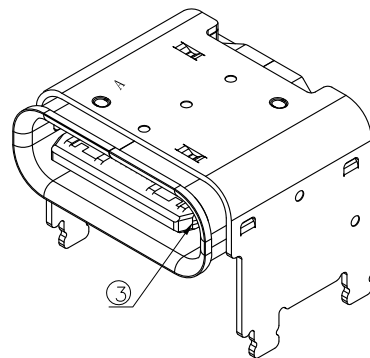
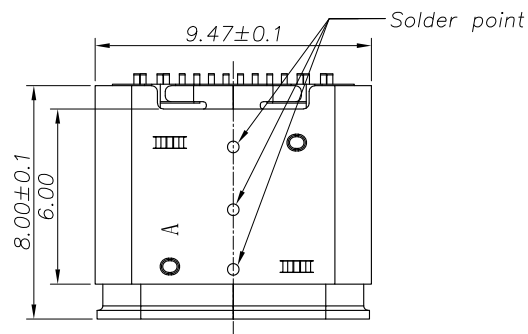
E

D

C

B

A



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.INSIDE SHELL:STAINLESS STEEL
- 5.OUTSIDE 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)
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: 20V
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.

5	OUTER SHELL	SUS304 T=0.25MM	NI 30u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	NI 30u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C2680 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

DESIGN	MISS ZENG	SC ALL		未注公差 T00LERANCE	品名:
DRAWIGN	MISS LI	ANIT	MM	X. ±0.35	连接器
CHECK	Mr. ZENG	SIZE	A4: 210*297	X. X ±0.25	型号:
APPROVAL		VERSION	01	X.XX ±0.15	TYPE-C 16P板上垫高3.0mm(CH=4.58)脚长1.40mm

连接器

品名:

型号:

TYPE-C 16P板上垫高3.0mm(CH=4.58)脚长1.40mm



东莞市航宏电子科技有限公司
Dongguan Hanghong Electronics Co., Ltd.

F

E

D

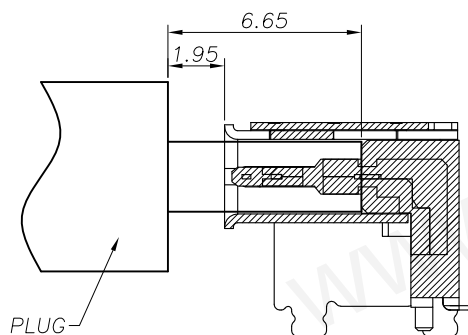
C

B

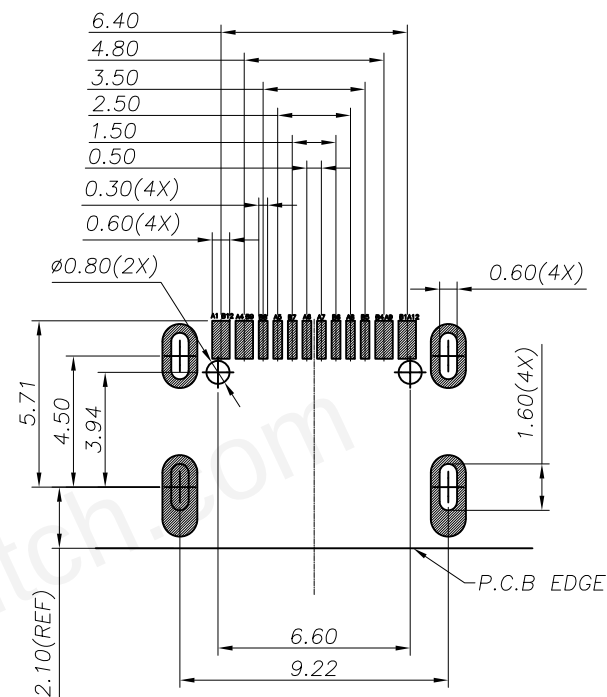
A

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

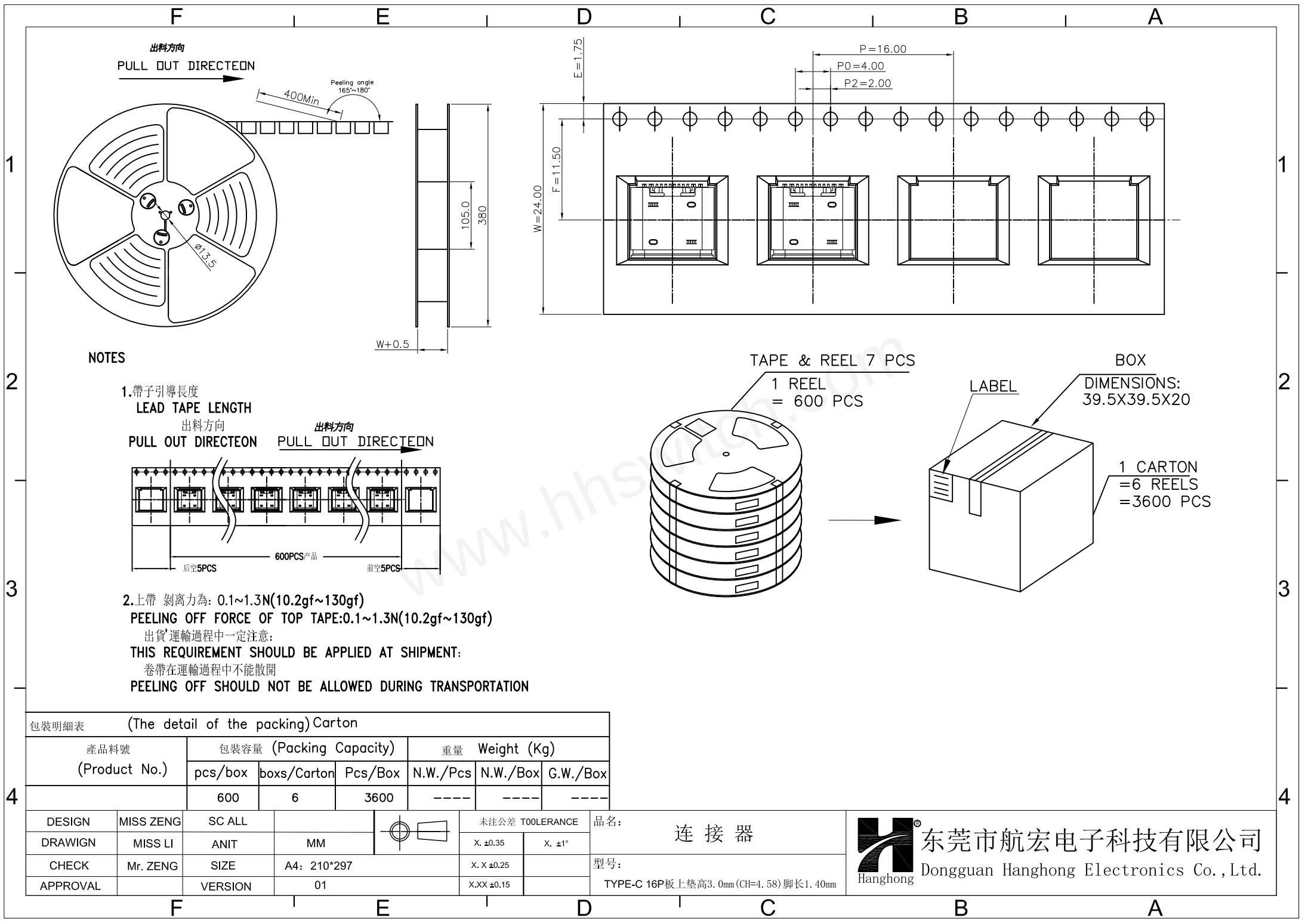


AFTER MATING
SCALE 1:1

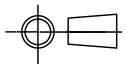


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

DESIGN	MISS ZENG	SC ALL			未注公差 T00LERANCE		品名:	连接器 东莞市航宏电子科技有限公司 Dongguan Hanghong Electronics Co., Ltd.
DRAWIGN	MISS LI	ANIT	MM		X. ± 0.35	X. $\pm 1^\circ$	型号:	
CHECK	Mr. ZENG	SIZE	A4: 210*297		X. X ± 0.25		TYPE-C 16P板上垫高3.0mm (CH=4.58) 脚长1.40mm	
APPROVAL		VERSION	01		X.XX ± 0.15			



包裝明細表 (The detail of the packing) Carton

產品料號 (Product No.)		包裝容量 (Packing Capacity)			重量 Weight (Kg)		
		pcs/box	boxs/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
		600	6	3600	----	----	----
DESIGN	MISS ZENG	SC ALL			未注公差 T00LERANCE		品名: 连接器
DRAWIGN	MISS LI	ANIT	MM		X. ± 0.35	X. $\pm 1^{\circ}$	型号: TYPE-C 16P板上垫高3.0mm (CH=4.58) 脚长1.40mm
CHECK	Mr. ZENG	SIZE	A4: 210*297		X. X ± 0.25		
APPROVAL		VERSION	01		X.XX ± 0.15		



东莞市航宏电子科技有限公司
Dongguan Hanghong Electronics Co., Ltd.