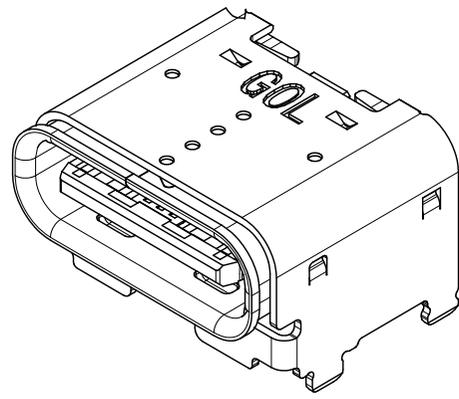
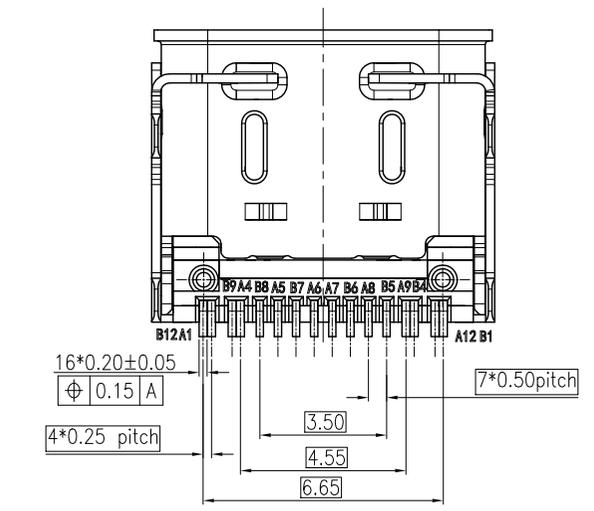
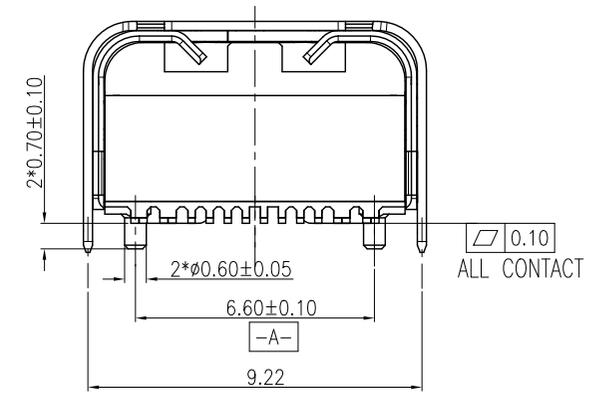
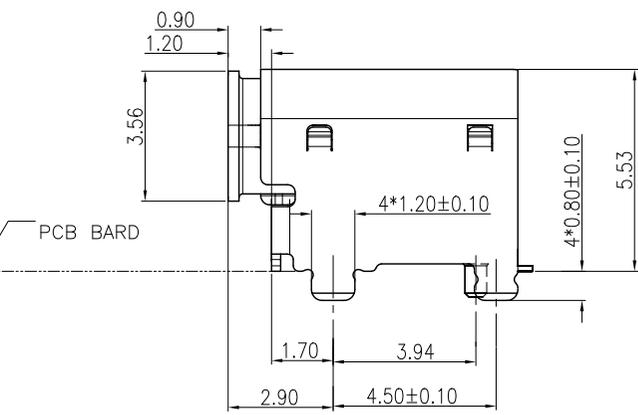
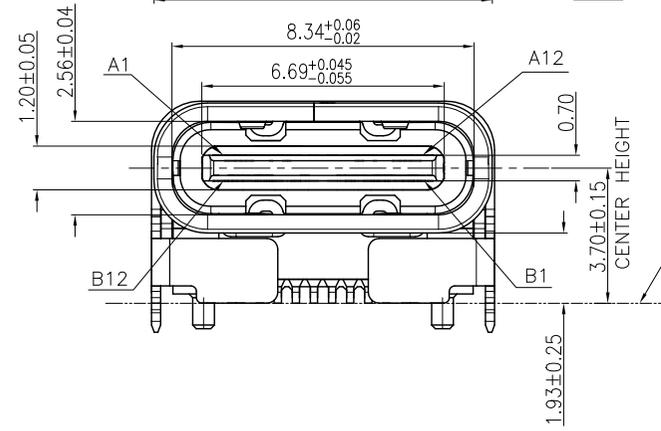
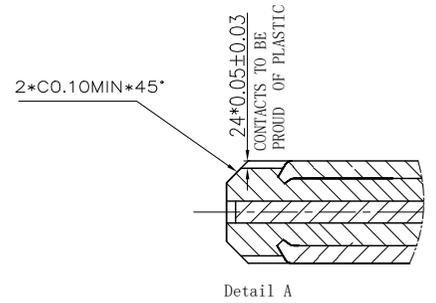
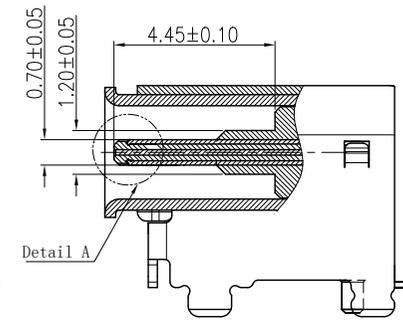
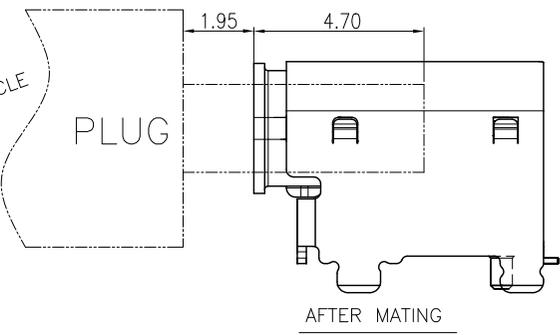
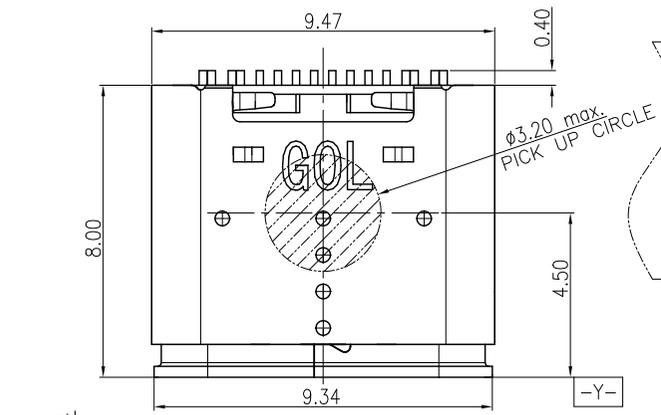


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	07/16'20

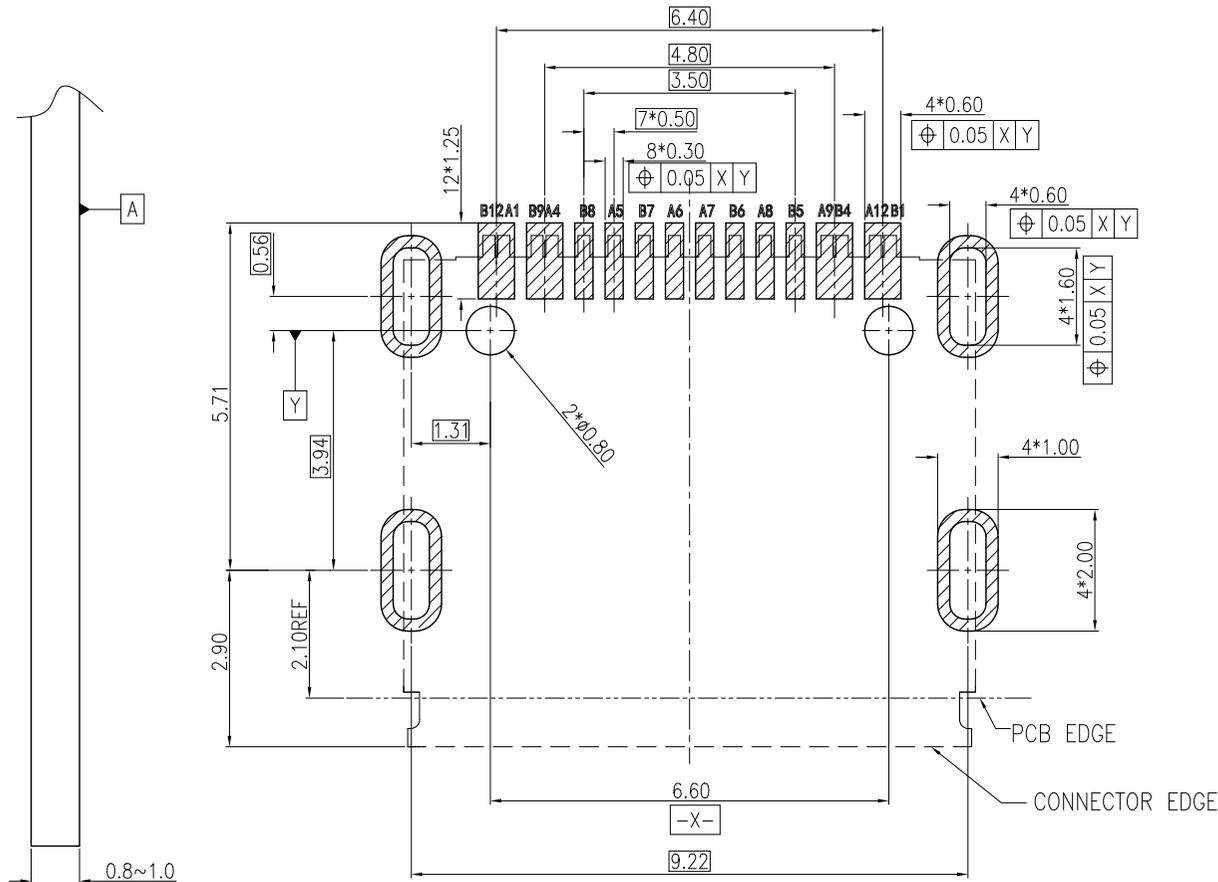


⑥	TOP CONTACT	1 SET	C18150-R540 OR C2680-EH	50u" MIN. NI UNDER PLATING. GOLD FLASH PLATING ON SOLDER AREA. GOLD FLASH PLATING ON CONTACT AREA
⑤	BOTTOM CONTACT	1 SET	C18150-R540 OR C2680-EH	50u" MIN. NI UNDER PLATING. GOLD FLASH PLATING ON SOLDER AREA. GOLD FLASH PLATING ON CONTACT AREA
④	MID PLATE	1 PCS	SUS301-EH	NO PLATING
③	HOUSING	1 PCS	NYLON	UL94V-0, BLACK.
②	INNER SHELL	1 PCS	SUS304-1/4H	SEE PRODUCT NUMBER
①	TOP SHELL	1 PCS	SUS304-1/2H	50u" MIN. SOLDERABLE NI PLATING ON SOLDER AREA
NO.	PART NAME.	QTY.	MATERIAL	FINISH

GENERAL TOLERANCE	DRAWN	WeiHongSu	07/01'20	SCALE	PART NO.	1UBC056F16R*1-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	07/01'20	TITLE	USB TYPE C SMT, CH3.7mm
.X±0.25	.x*±0.1°	APPROVED	Murray Lu	07/01'20	UNITS	mm
.XX±0.20		File NO.	UBC05602S	 CUSTOMER DRAWING		
.XXX±0.10		REV.				
SHEET	1/3	Q'TY	1	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD		

此文件为双方检验的唯一标准
This document is the only standard for inspection by both parties

REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	07/16'20



RECOMMENDED PCB LAYOUT
(TOLERANCE:±0.05)

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING:

A current of 5 A shall be applied collectively to VBUS pins (i.e., pins A4, A9, B4, and B9) and 1.25 A shall be applied to the VCONN pin (i.e., B5 of the plug connector) with the return path through the corresponding GND pins (i.e., pins A1, A12, B1, and B12). A minimum current of 0.25 A shall also be applied individually to all the other contacts.

1.2 CONTACT RESISTANCE: INITIAL 40 mΩ Max.
AFTER 50 mΩ Max.

1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s

1.4 INSULATION RESISTANCE: 100MΩ MIN.

2.MECHANICAL CHARACTERISTICS

2.1 INSERTION FORCE: 5~20N

2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);

2.3 DURABILITY:10,000 CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C

3.2. IR REFLOW:

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

4. PRODUCT NUMBER : 1UBC056 * 16R * 1-HF

PLATING CODE:
F:GOLD FLASH

△AT SHELL PLATING
1:NO PLATING
2.BLACK NI PLATING

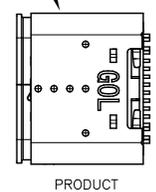
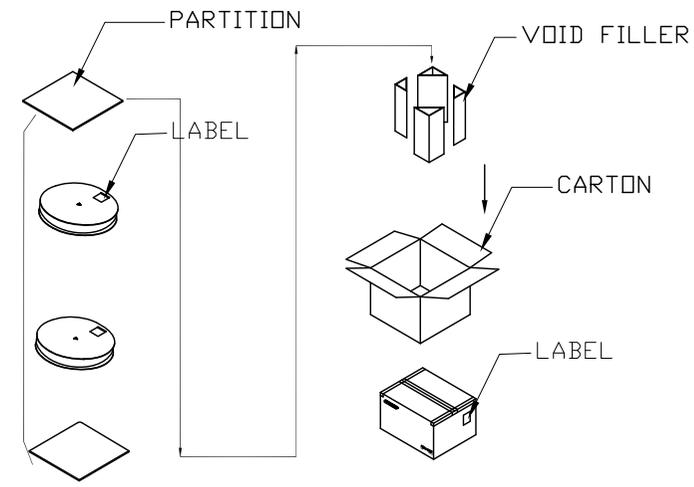
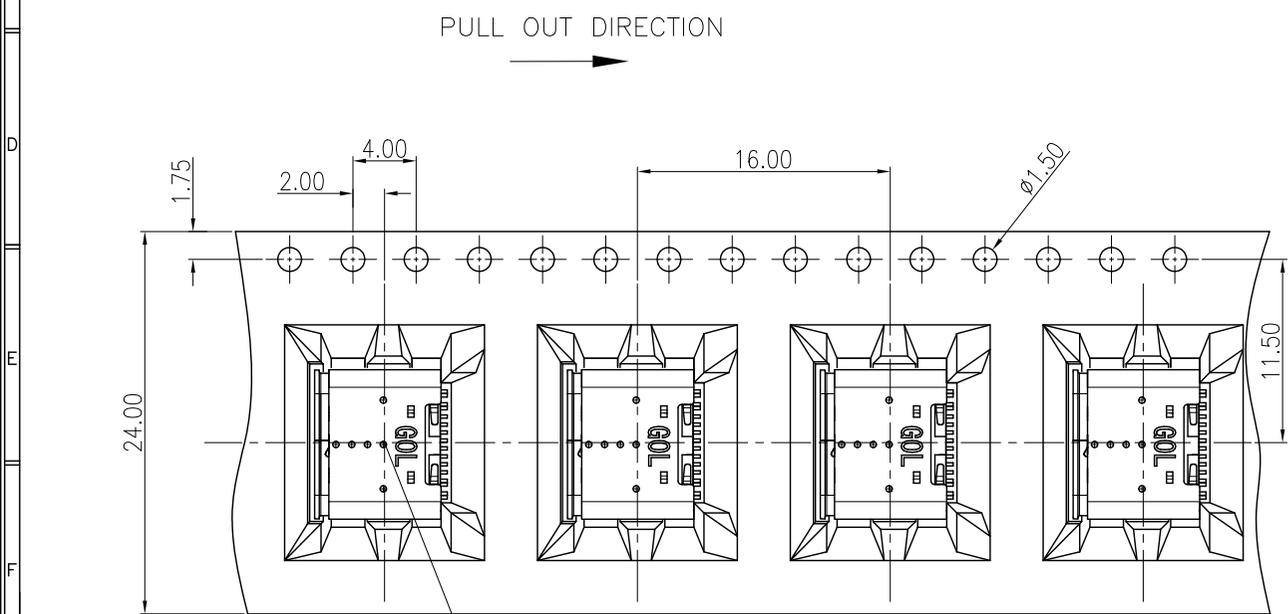
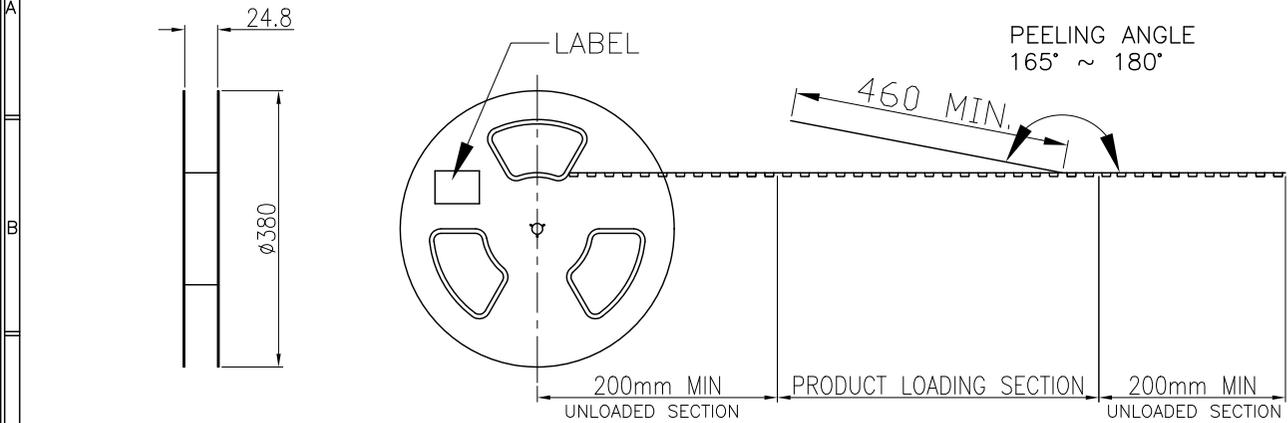
PIN ASSIGNMENT FOR DIRECT CONNECT APPLICATIONS										
A1			A4	A5	A6	A7	A8	A9		A12
GND			VBUS	CC1	D+	D-	SUB1	VBUS		GND
GND			VBUS	SBU2	D-	D+	CC2	VBUS		GND
B12			B9	B8	B7	B6	B5	B4		B1

GENERAL TOLERANCE		DRAWN	WeiHongSu	07/01'20	SCALE		PART NO.	1UBC056F16R*1-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	07/01'20	N/A	TITLE	USB TYPE C SMT,CH3.7mm	
.X±0.25	.x*±0.1°	APPROVED	Murray Lu	07/01'20	UNITS	mm	CUSTOMER DRAWING	
.XX±0.20		File NO.	UBC05602S					
.XXX±0.10		REV.						
SHEET	2/3	Q'TY	1	A	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD			

REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	07/16'20

NOTES :

- MATERIAL :
COVER TAPE : P.S T=0.05mm
CARRIER TAPE : P.S T=0.40mm
CARTON: CORRUGATED FIBER
- DIMENSION :
REEL : SEE DRAWING
SHIPPING BOX: 400X400X300mm
- QUANTITY : SEE TABLE
- PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
- PEELING SPEED : 300mm/MINUTES



750	9	6750
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WeihongSu	07/01'20	SCALE	PART NO.	1UBC056F16R*1-HF
X.±0.40	x.°±1°	CHECKED	Ray.Lee	07/01'20	N/A	TITLE	USB TYPE C SMT,CH3.7mm
.X±0.30	.x°±0.1°	APPROVED	Murray Lu	07/01'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.25		File NO.	UBC05602S				
.XXX±0.10		REV.	蘇州祥龍嘉業電子科技股份有限公司				
SHEET	3/3	Q'TY	1	A	Goldenconn Electronics Technology Co.,LTD		