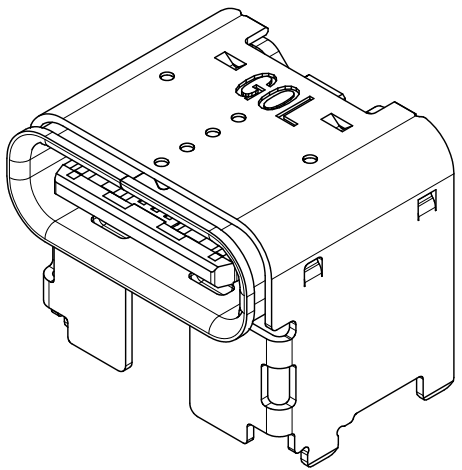
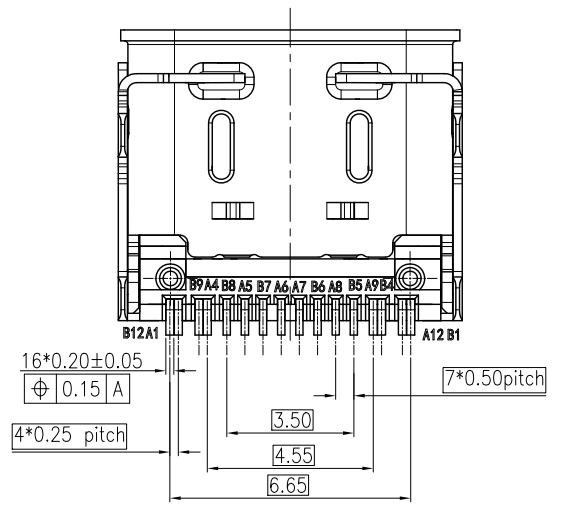
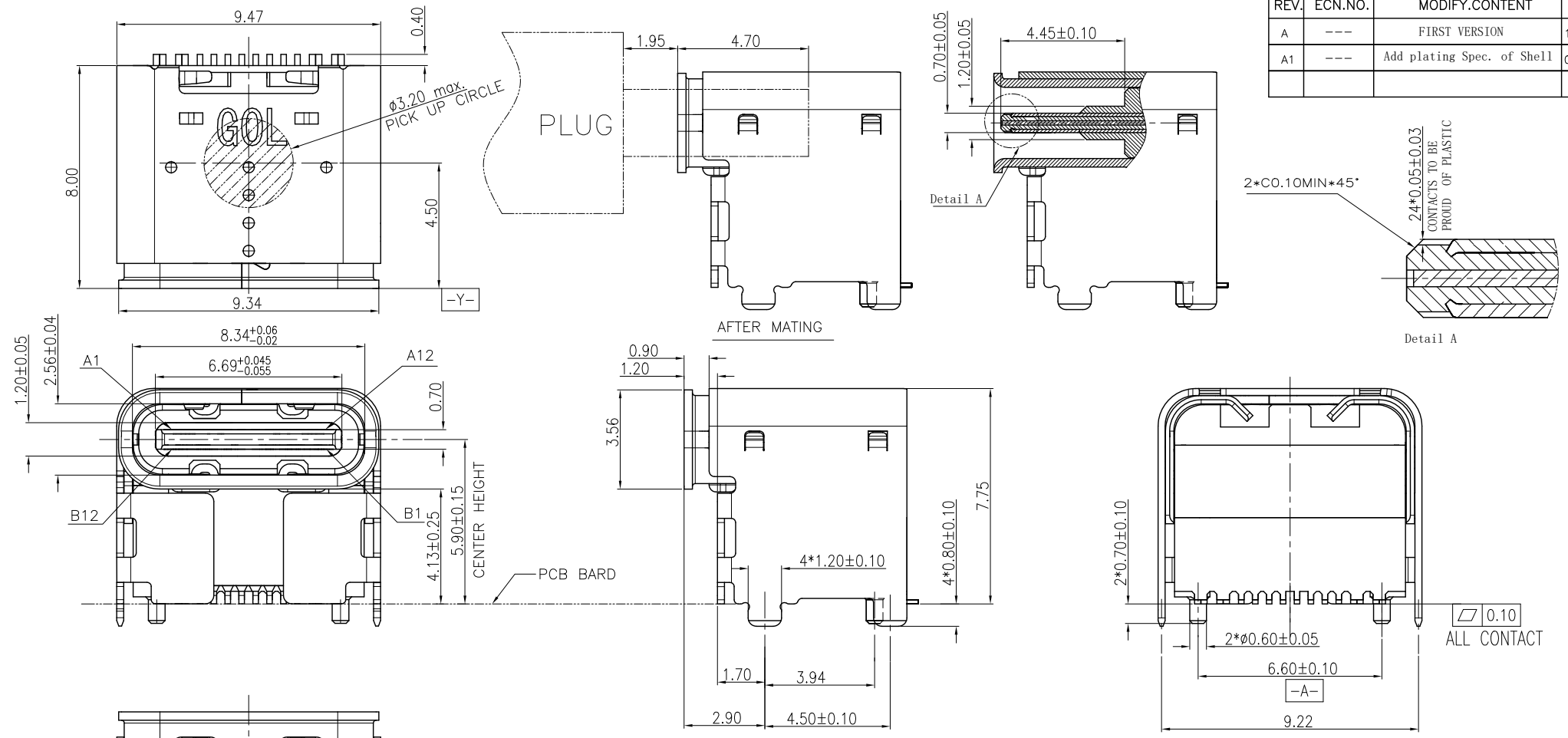


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	12/23'19
A1	---	Add plating Spec. of Shell	04/01'20

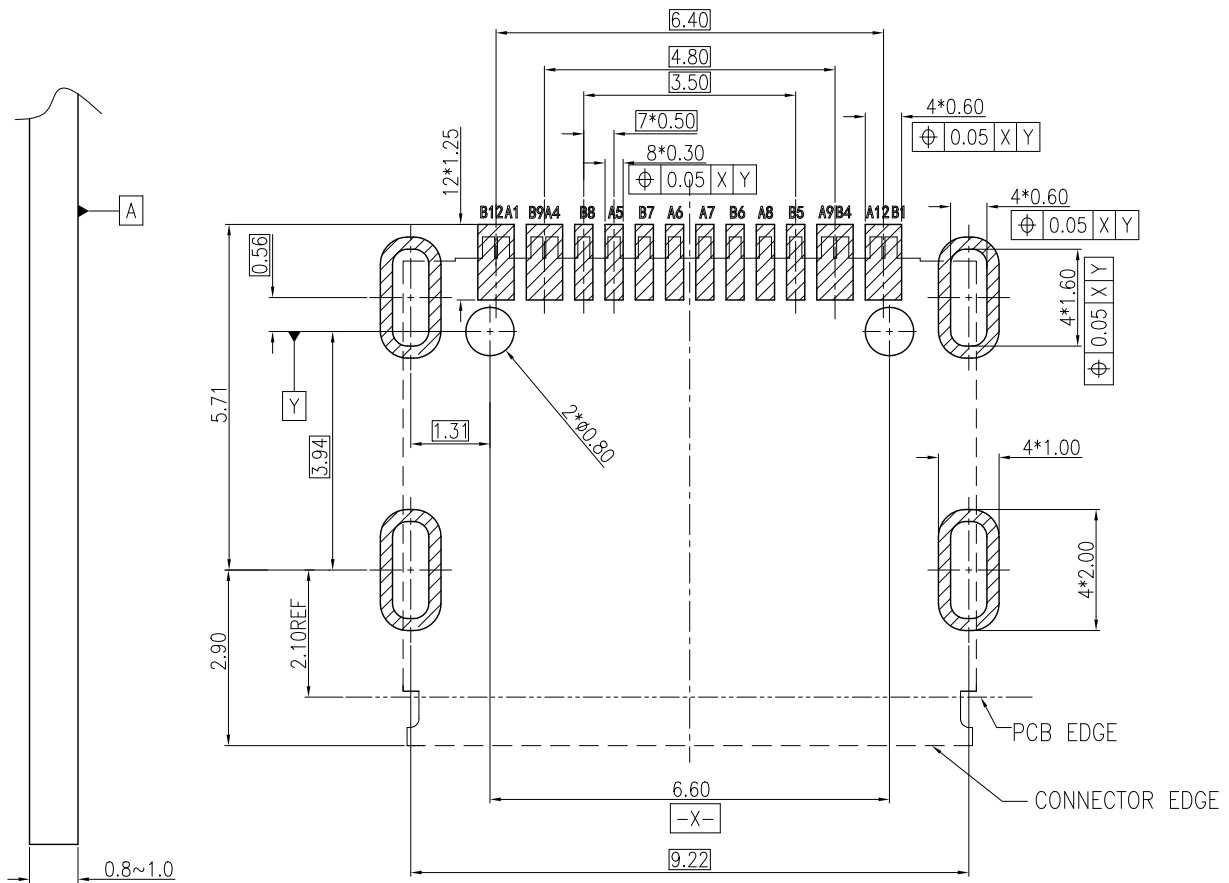


NO.	PART NAME.	QTY.	MATERIAL	FINISH
⑥	TOP CONTACT	1 SET	C18150-R540 OR C2680-EH	50u" MIN. NI UNDER PLATING. GOLD FLASH PLATING ON SOLDER AREA. GOLD FLASH PLATING ON CONTACT AREA
⑤	BOTTOM CONTACT	1 SET	C18150-R540 OR C2680-EH	50u" MIN. NI UNDER PLATING. GOLD FLASH PLATING ON SOLDER AREA. GOLD FLASH PLATING 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

GENERAL TOLERANCE		DRAWN	WeiHongSu	04/01'20	SCALE	PART NO.	1UBC056F16R-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	04/01'20	N/A	TITLE	USB TYPE C SMT, CH5.9mm
.XX±0.25	.x*±0.1°	APPROVED	Murray Lu	04/01'20	UNITS	mm	CUSTOMER DRAWING
.XXX±0.20		File NO.	UBC05601S				
.XXX±0.10		REV.					
SHEET	1/3	Q'TY	1	A1	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	12/23'19



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 \* R-HF

PLATING CODE: F:GOLD FLASH  
 (AT) SHELL PLATING  
 1:NO PLATING  
 2.BLACK NI PLATING

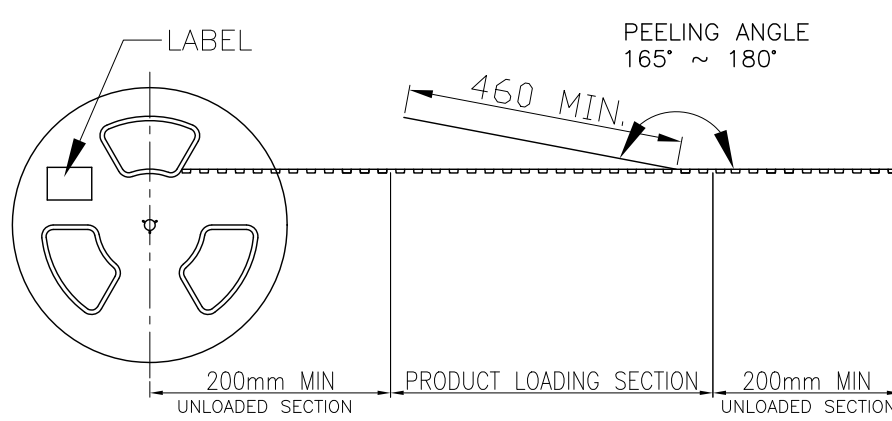
PIN ASSIGNMENT FOR DIRECT CONNECT APPLICATIONS										
A1			A4	A5	A6	A7	A8	A9		A12
GND			VBUS	CC1	D+	D-	SUB1	VBUS		GND
GND			VBUS	SBU2	D-	D+	CC2	VBUS		GND
B12			B9	B8	B7	B6	B5	B4		B1

GENERAL TOLERANCE	DRAWN	WeiHongSu	04/01'20	SCALE	PART NO.	1UBC056F16R*R-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	04/01'20	TITLE	USB TYPE C SMT,CH5.9mm
.X±0.25	.x*±0.1°	APPROVED	Murray Lu	04/01'20	UNITS	mm
.XX±0.20		File NO.	UBC05601S	CUSTOMER DRAWING		
.XXX±0.10		REV.				
SHEET	2/3	Q'TY	1	A1	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD	

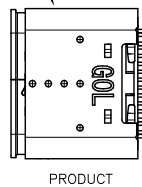
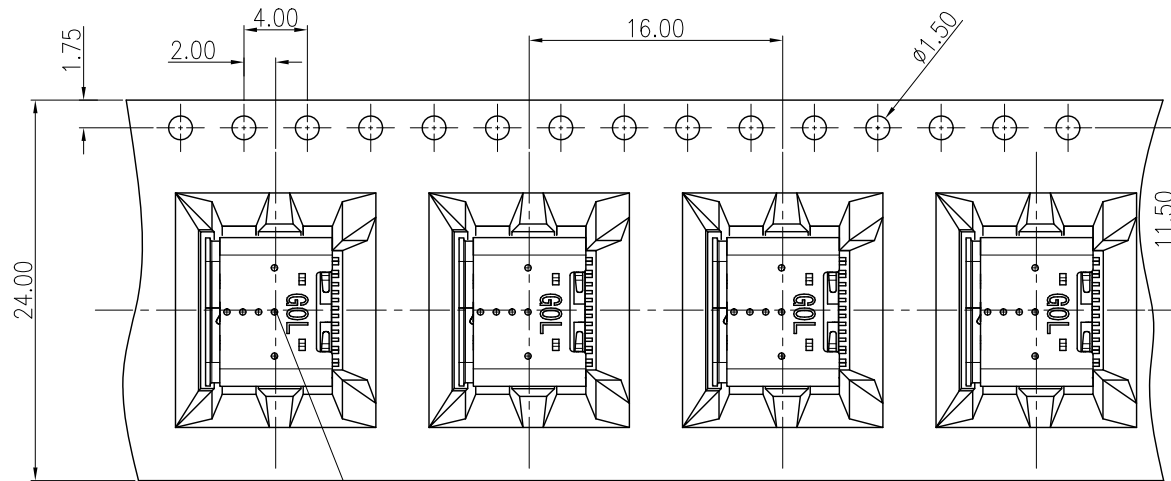
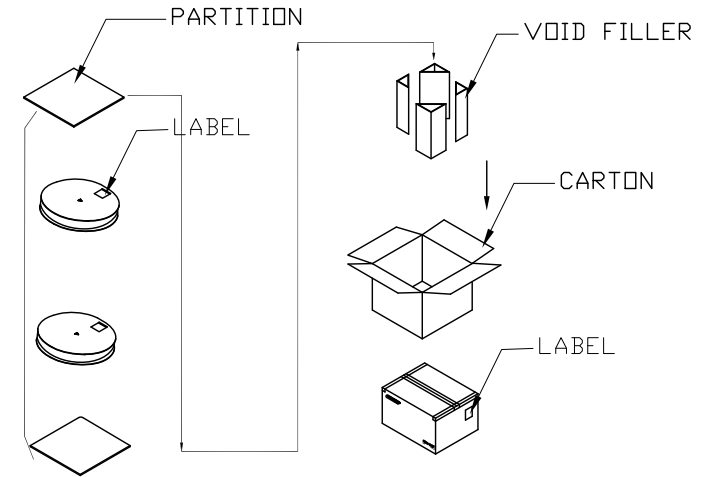
REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	12/23'19
A1	---	Add plating Spec. of Shell	04/01'20

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



PULL OUT DIRECTION



PRODUCT

550	9	4950
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WeiHongSu	04/01'20	SCALE	PART NO.	1UBC056F16R*R-HF
X.±0.40	x.°±1°	CHECKED	Ray.Lee	04/01'20	N/A	TITLE	USB TYPE C SMT,CH5.9mm
.X±0.30	.x°±0.1°	APPROVED	Murray Lu	04/01'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.25		File NO.	UBC05601S				
.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	A1	Goldenconn Electronics Technology Co.,LTD		