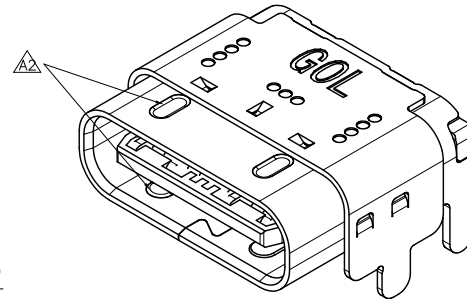
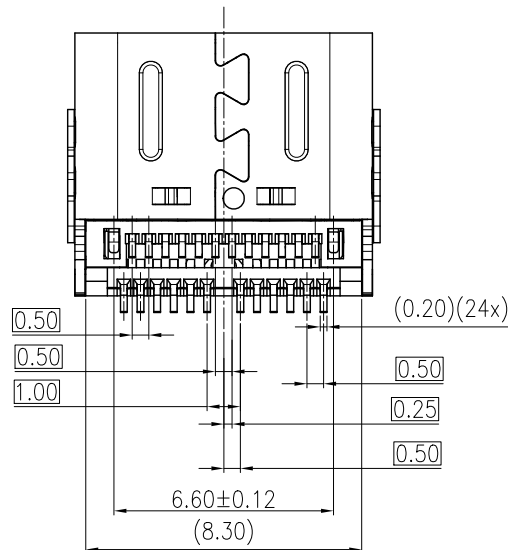
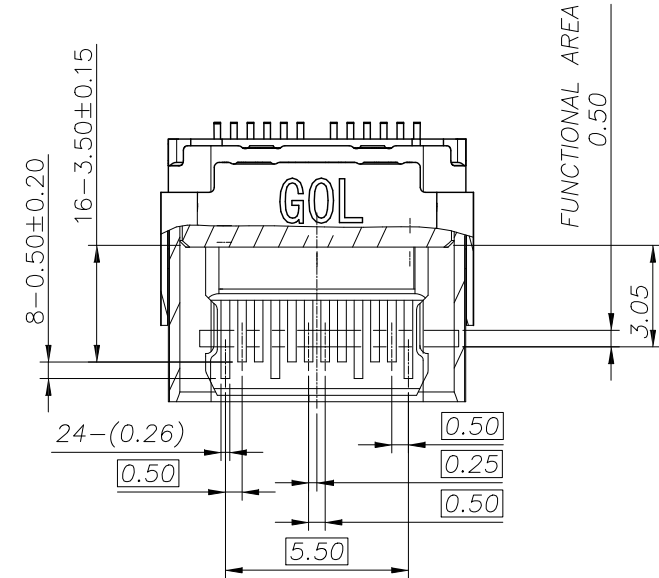
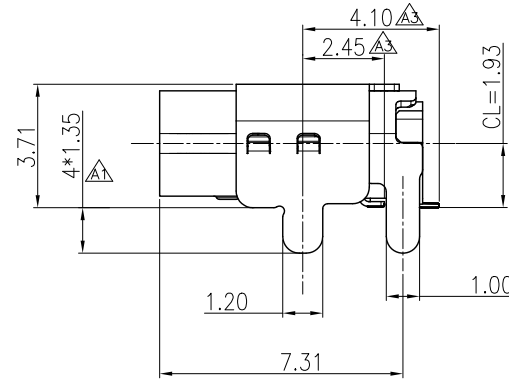
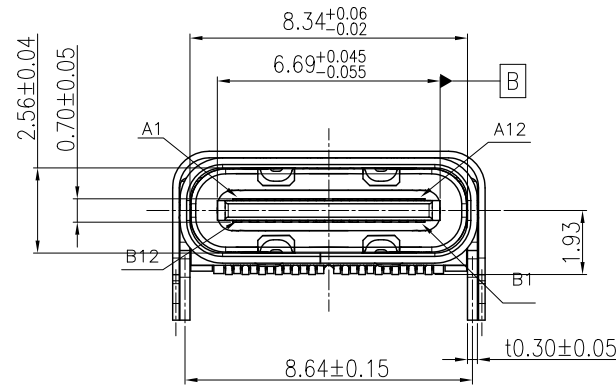
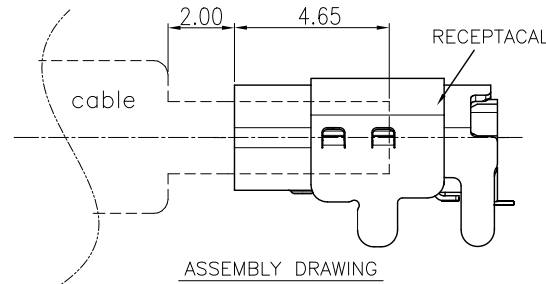
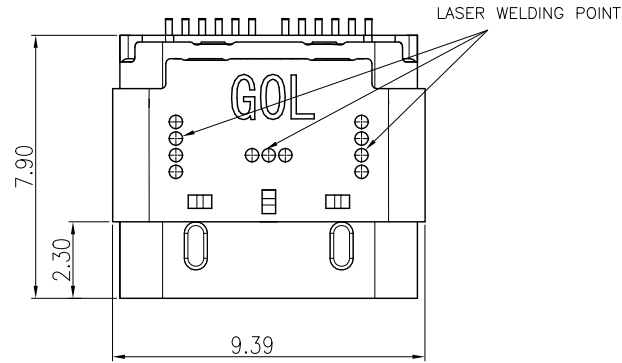



REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	7/12'19
A1	---	Modifying the Length of Solder Foot of Shell	7/16'19
A2	---	Add ribs to the iron shell	08/15'20
A3	---	连接器焊脚与PCB焊盘加长	08/15'20



⑥	EMI SPRING	2 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
⑤	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
④	CONTACT B	1 SET	COPPER ALLOY	50u" MIN. Ni UNDER PLATING. 80u" MIN. MATTE TIN PLATING ON SOLDER AREA.
③	CONTACT A	1 SET	COPPER ALLOY	GOLD PLATING ON CONTACT AREA.(SEE PART NUM)
②	HOUSING	3 PCS	THERMOPLASTIC.	UL94V-0 COLOR: BLACK
①	SHELL	2 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

GENERAL TOLERANCE				DRAWN	W.H.Su	01/24'21	SCALE	PART NO.	1UBC048F24R1R-HF
X.±0.30		x.°±1°		CHECKED	Ray. Lee	01/24'21	N/A	TITLE	TYPE-C REC, CH1.93mm
.X±0.25		.x°±0.1°		APPROVED	Murray.Lu	01/24'21	UNITS	mm	CUSTOMER DRAWING
.XX±0.20				File NO.	UBC04801S				
.XXX±0.10				REV.	蘇州祥龍嘉業電子科技股份有限公司				
SHEET	1/3	Q'TY	1	A3	Goldenconn Electronics Technology Co.,LTD				

REV.	ECN.NO.	MODIFY.CONTENT	DATE
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A1	---	Modifying the Length of Solder Foot of Shell	7/16'19
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## 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: 100 MEGOHMS MIN.

### 2.MECHANICAL CHARACTERISTICS

#### 2.1 INSERTION FORCE: 5~20N

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

#### 2.3 DURABILITY:10,000CYCLES

### 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 280°C.

#### 4.PART NO.:

1UBC048 \* 24R1R-HF

HF:HALOGEN FREE

#### PLATING CODE:


F:GOLD FLASH(1u" min.)

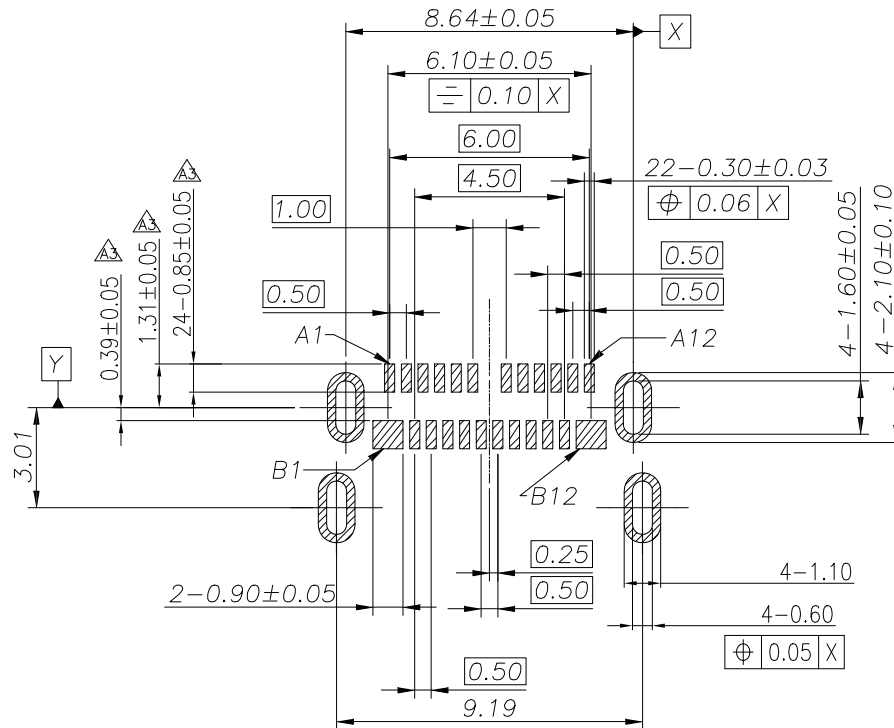
E:Au:5u"

J:Au:15u"

K:Au:30u"

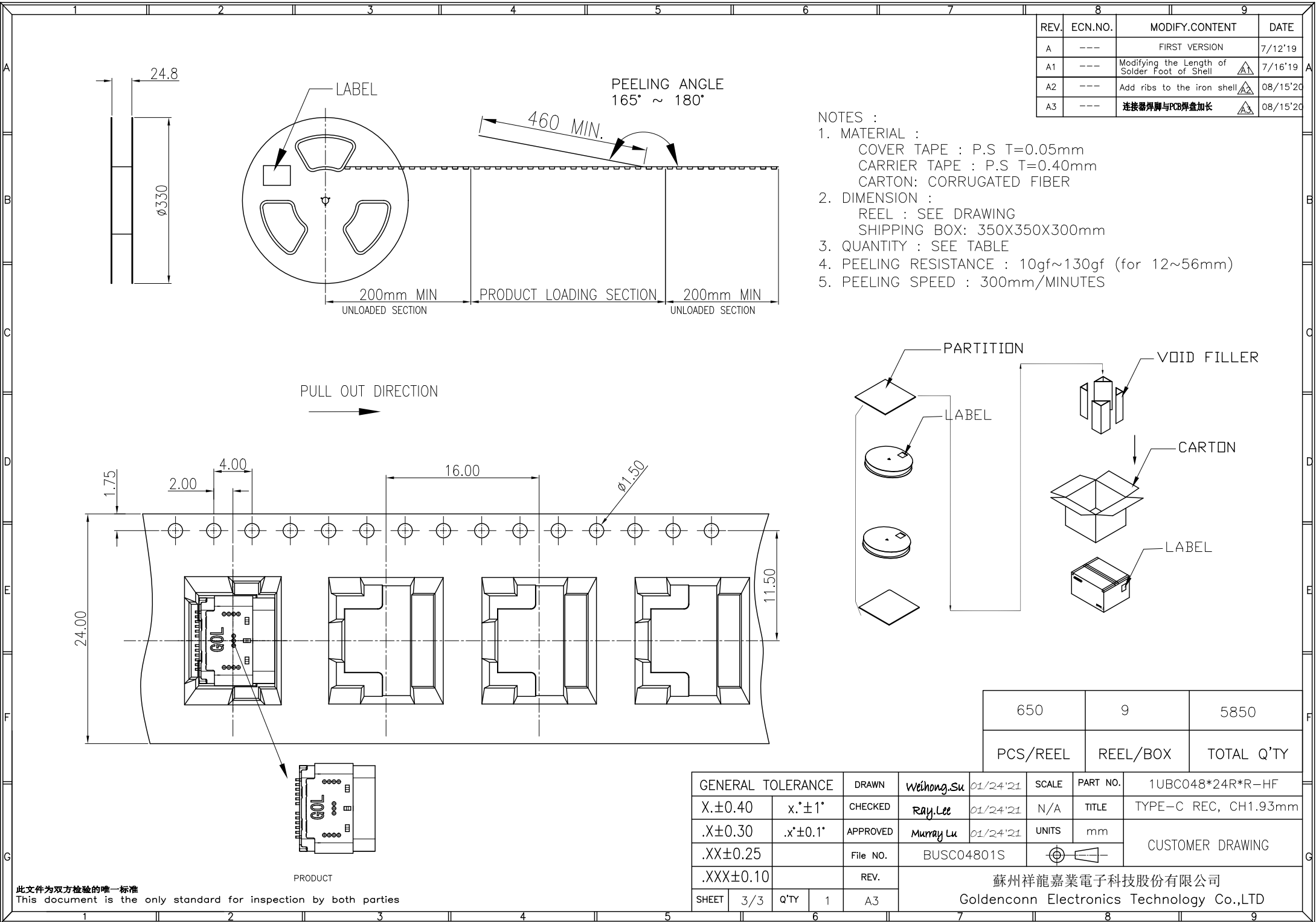
PIN ASSIGNMENT FOR DIRECT CONNECT APPLICATIONS											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SUB1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

GENERAL TOLERANCE		DRAWN	W.H.Su	01/24'21	SCALE	PART NO.	1UBC048F24R1R-HF	
X.±0.30	x.*±1°	CHECKED	Ray. Lee	01/24'21	N/A	TITLE	TYPE-C REC, CH1.93mm	
.X±0.25	.x*±0.1°	APPROVED	Murray.Lu	01/24'21	UNITS	mm	CUSTOMER DRAWING	
.XX±0.20		File NO.	UBC04801S					
.XXX±0.10		REV.	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD					
SHEET	2/3	Q'TY						1



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.20MM;DEFAULT TOLERANCE:±0.05






REV.	ECN.NO.	MODIFY.CONTENT	DATE
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- NOTES :
1. MATERIAL :  
COVER TAPE : P.S T=0.05mm  
CARRIER TAPE : P.S T=0.40mm  
CARTON: CORRUGATED FIBER
  2. DIMENSION :  
REEL : SEE DRAWING  
SHIPPING BOX: 350X350X300mm
  3. QUANTITY : SEE TABLE
  4. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
  5. PEELING SPEED : 300mm/MINUTES

650	9	5850
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WeiHong.Su		01/24'21	SCALE	PART NO.	1UBC048*24R*R-HF	
X.±0.40	x.°±1°	CHECKED	Ray.Lee		01/24'21	N/A	TITLE	TYPE-C REC, CH1.93mm	
.X±0.30	.x°±0.1°	APPROVED	Murray Lu		01/24'21	UNITS	mm	CUSTOMER DRAWING	
.XX±0.25		File NO.	BUSC04801S						
.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	A3	Goldenconn Electronics Technology Co.,LTD				