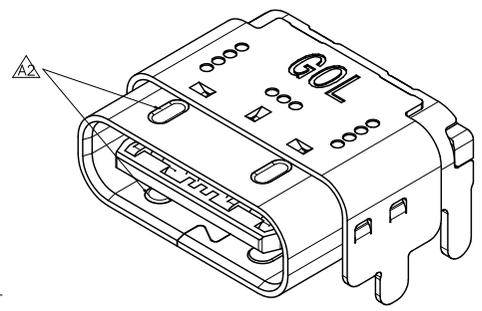
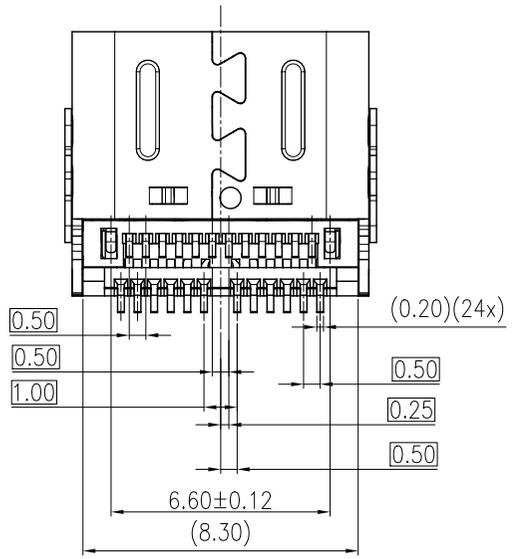
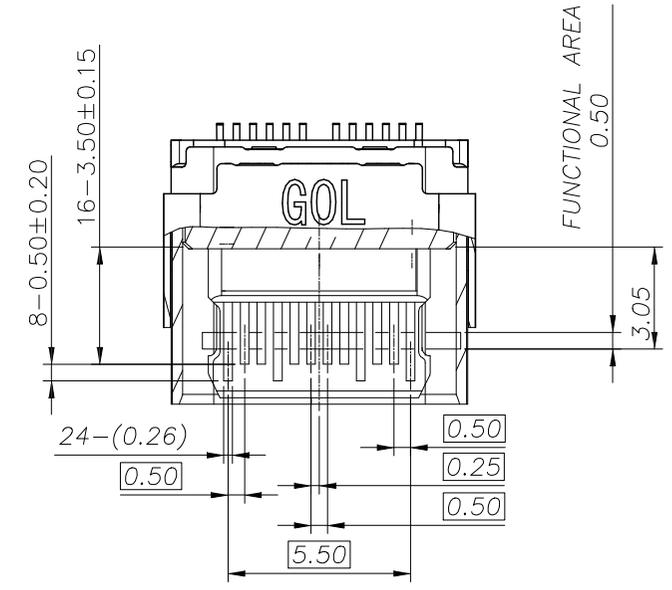
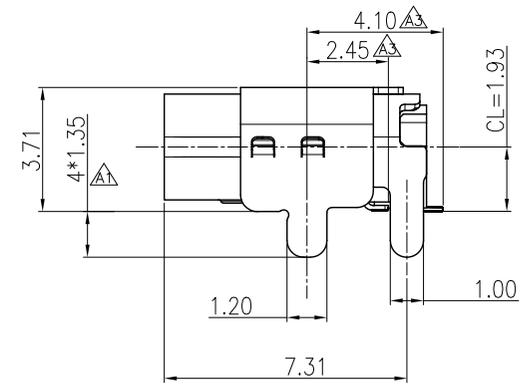
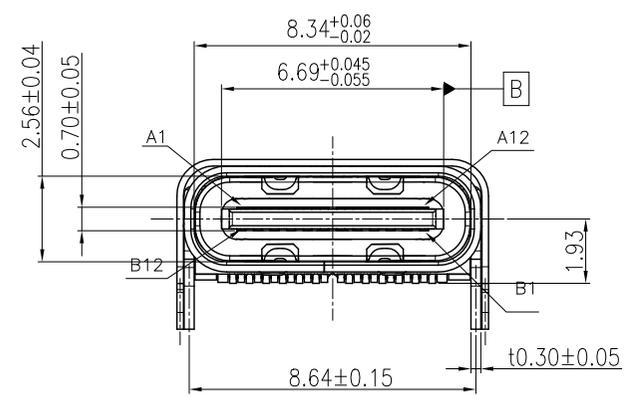
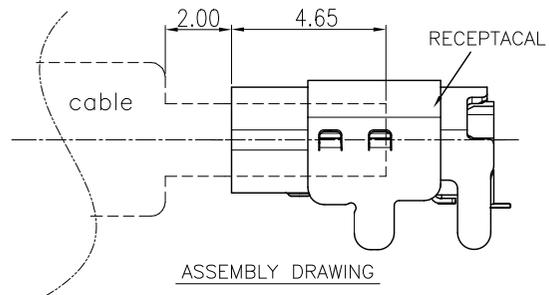
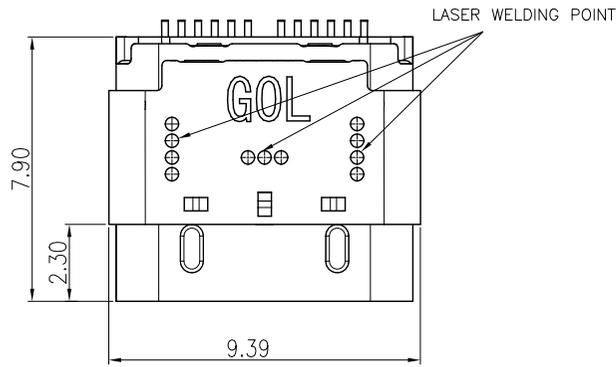


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	7/12'19
A1	---	Modifying the Length of Solder Foot of Shell	7/16'19
A2	---	Add ribs to the iron shell	08/15'20
A3	---	连接器焊脚与PCB焊盘加长	08/15'20



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. GOLD PLATING ON CONTACT AREA.(SEE PART NUM)
③	CONTACT A	1 SET	COPPER ALLOY	
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 Goldenconn Electronics Technology Co.,LTD				
SHEET	1/3	Q'TY	1	A3			

此文件为双方检验的唯一标准  
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REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	7/12'19
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.)

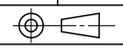
E:Au:5u"

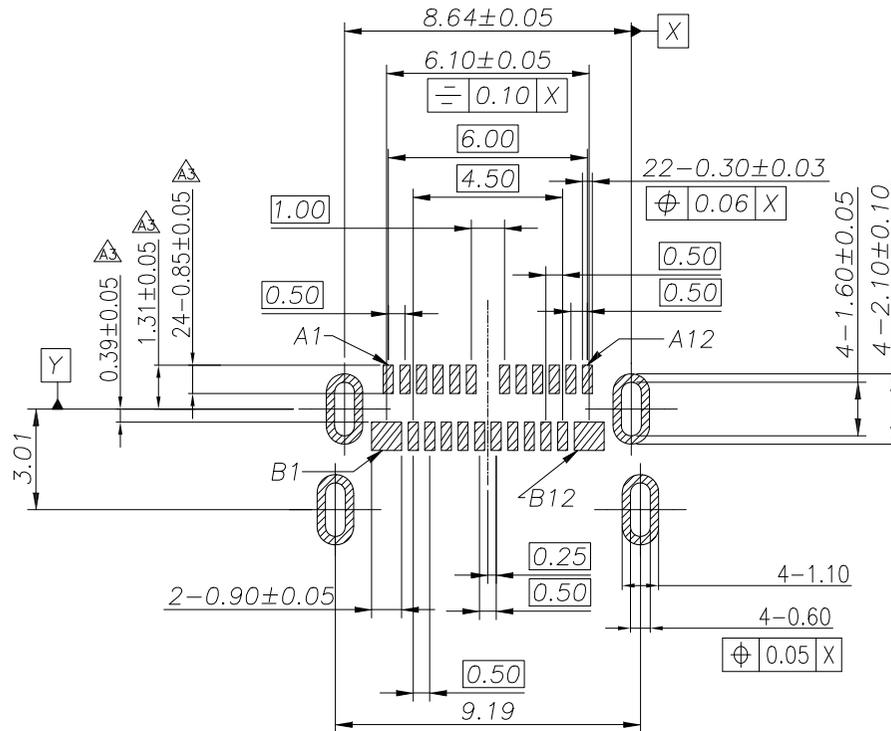
J:Au:15u"

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	TITLE	TYPE-C REC, CH1.93mm
.X±0.25	.x*±0.1°	APPROVED	Murray.Lu	01/24'21	UNITS	mm
.XX±0.20		File NO.	UBC04801S	 CUSTOMER DRAWING		
.XXX±0.10		REV.				
SHEET	2/3	Q'TY	1	A3	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD	



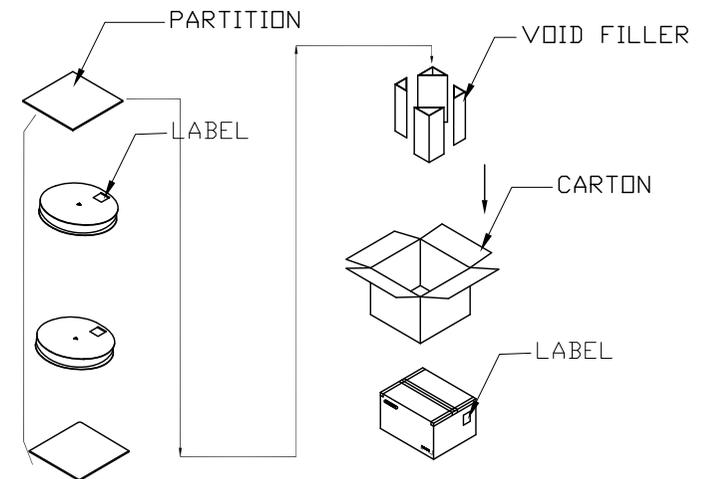
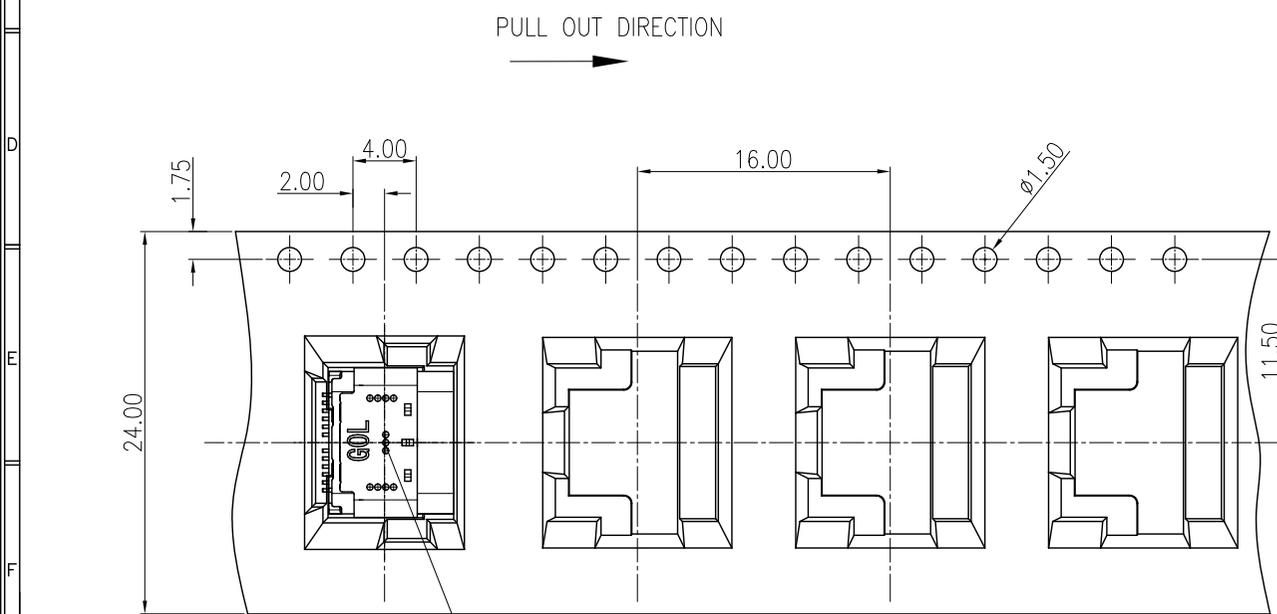
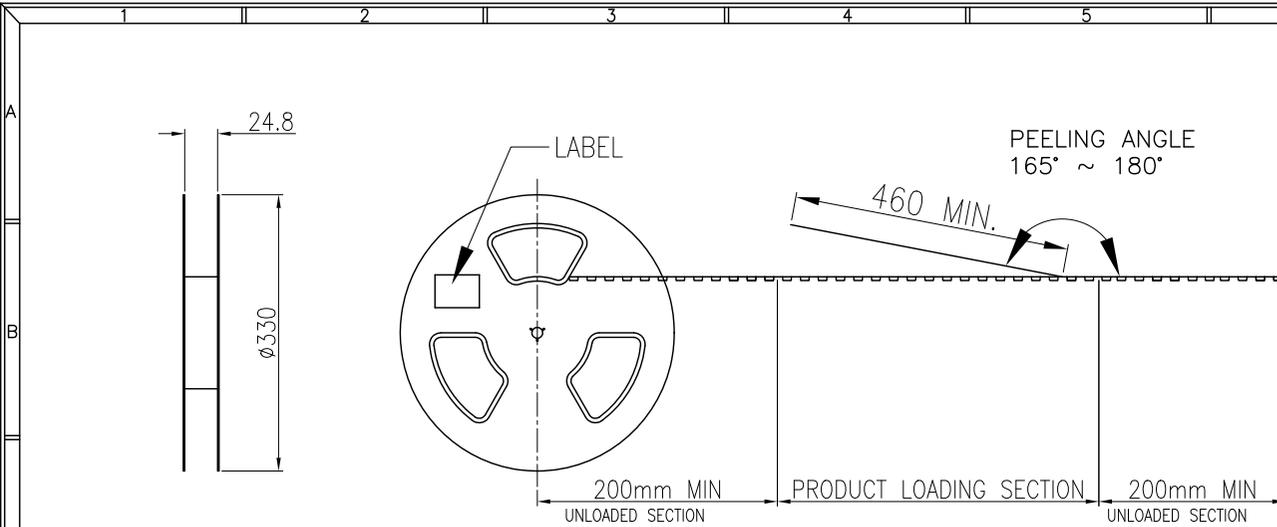
RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.20MM;DEFAULT TOLERANCE:±0.05



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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: 350X350X300mm
- QUANTITY : SEE TABLE
- PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
- 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		

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