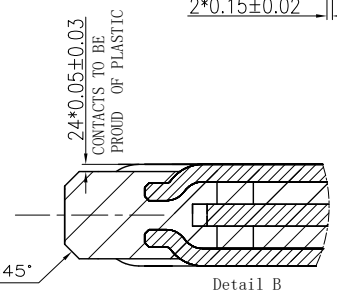
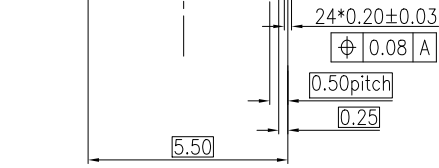
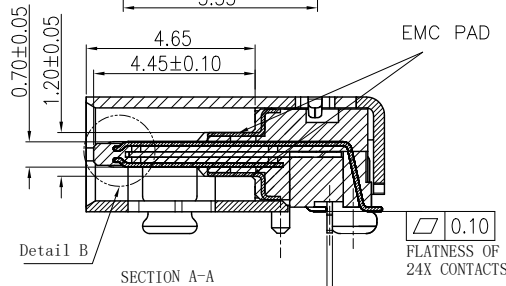
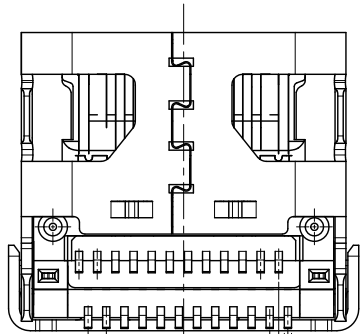
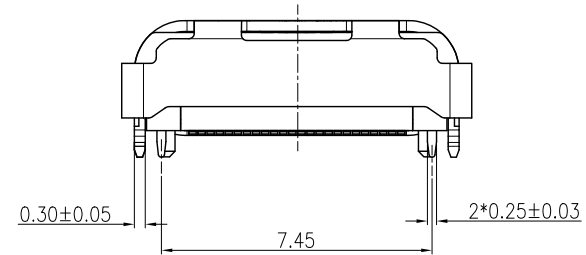
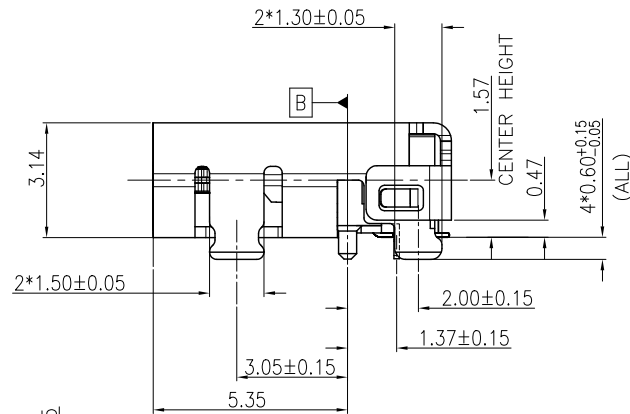
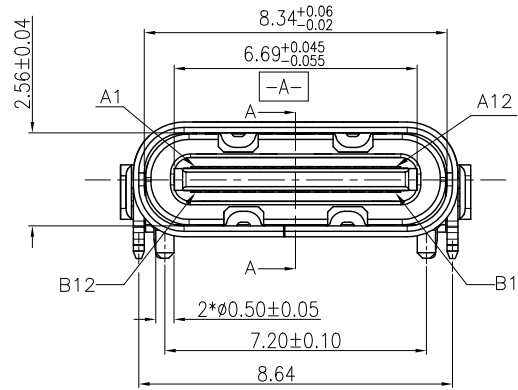
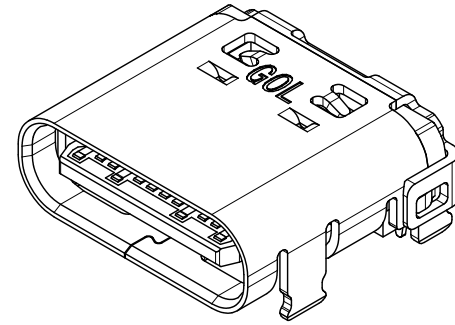
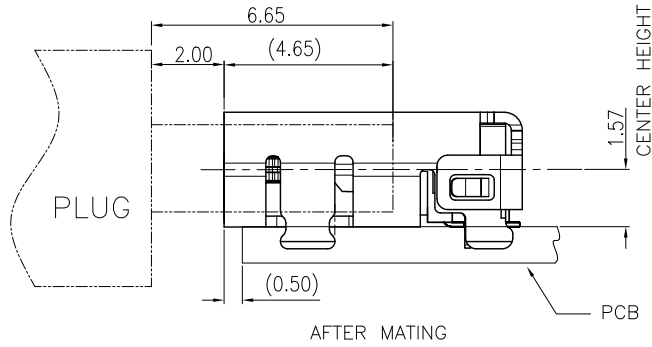
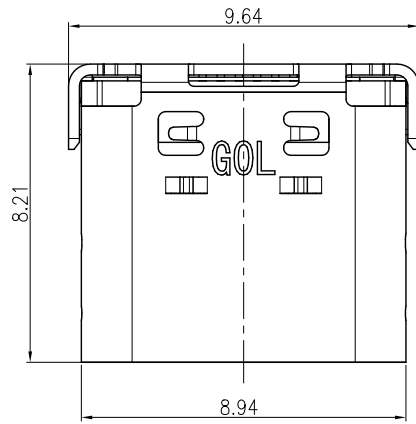


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	05/03'20
A1	---	logo position	08/21'20
A2	---	增加镀金规格 (3u')	11/15'20



NO.	PART NAME.	QTY.	MATERIAL	FINISH
⑦	TOP CONTACT	1 SET	C18150-R540	50u" MIN. NI UNDER PLATING.
⑥	BOTTOM CONTACT	1 SET	C18150-R540	80u" MIN. MATTE TIN PLATING ON SOLDER AREA. GOLD PLATING ON CONTACT AREA.(SEE PART MUM)
⑤	MID PLATE	1 PCS	STAINLESS STEEL	50u" MIN. SOLDERABLE NI PLATING OVERALL.
④	BOTTOM EMC PAD	2 PCS	STAINLESS STEEL	NO PLATING
③	TOP EMC PAD	2 PCS	STAINLESS STEEL	NO PLATING
②	HOUSING	1 PCS	THERMOPLASTIC.	UL94V-0, BLACK.
①	TOP SHELL	1 PCS	STAINLESS STEEL	BLACK Ni 20u" MIN.

GENERAL TOLERANCE		DRAWN	11/25'20	SCALE	PART NO.	1UBC070*24R1R-HF
X.±0.30	x.*±1°	CHECKED	11/25'20	N/A	TITLE	USB TYPE C SMT, CH1.57mm
.X±0.25	.x*±0.1°	APPROVED	11/25'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.20		File NO.	UBC07001S			
.XXX±0.10		REV.				
SHEET	1/3	Q'TY	1	A2	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	05/03'20
A1	---	logo position	08/21'20
A2	---	增加镀金规格 (3u'')	11/25'20

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:

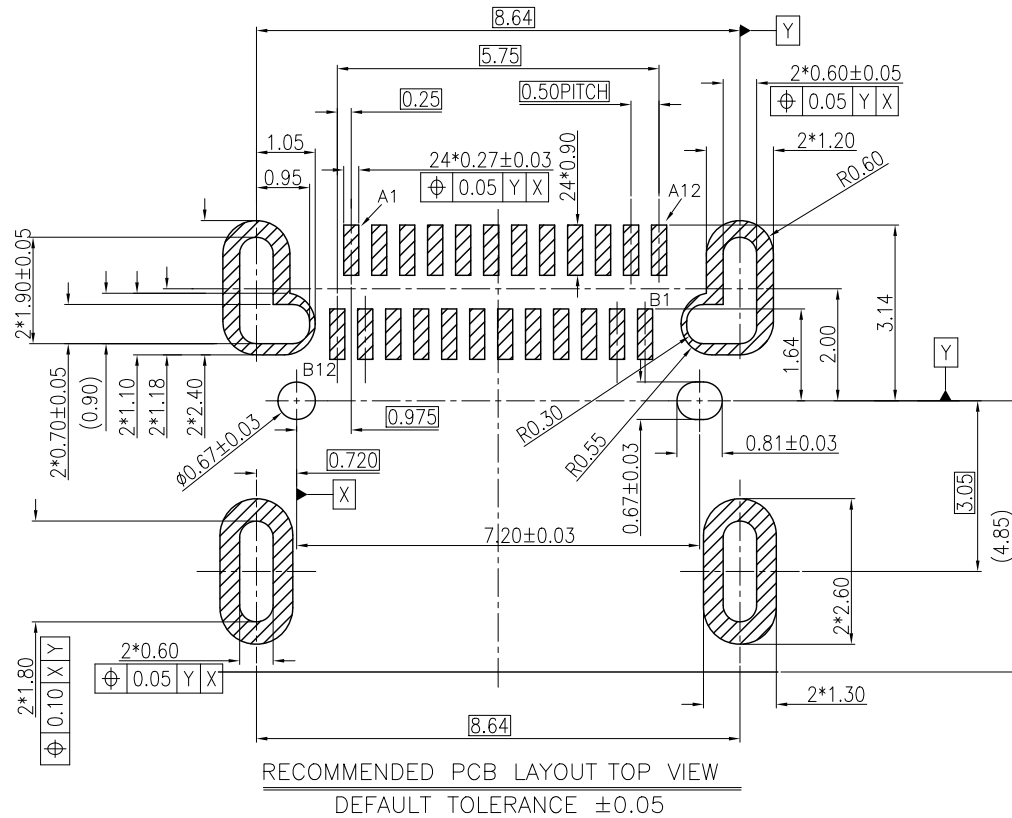
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

4. PRODUCT NUMBER :1UBC070 * 24 R1R-HF

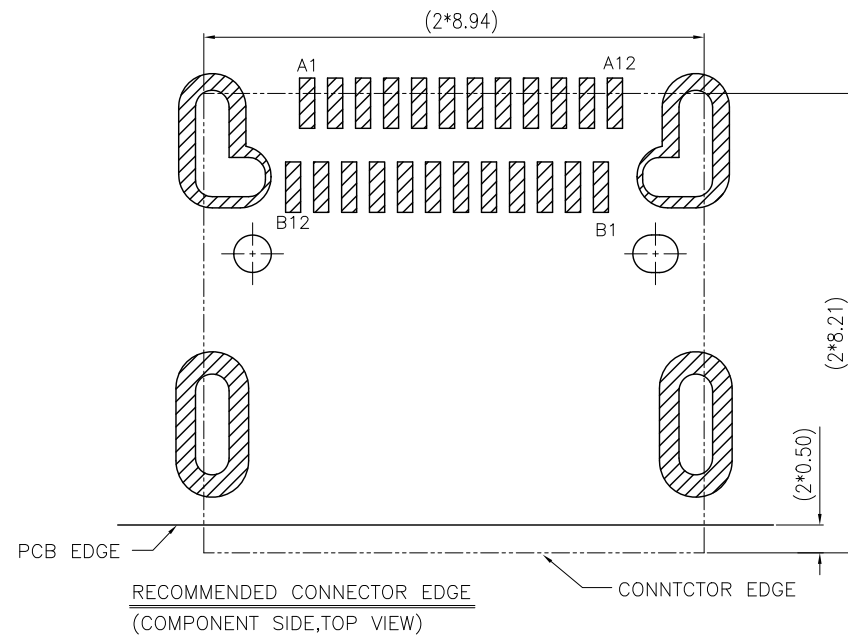
CONTACT AREA PLATING CODE:
F:GOLD FLASH
A2 H: Au:3u''
E: Au:5u''
J: Au:15u''
K: Au:30u''

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	Harold.Zhou	11/25'20	SCALE	PART NO.	1UBC070*24R1R-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	11/25'20	N/A	TITLE	USB TYPE C SMT,CH1.57mm
.X±0.25	.x.*±0.1°	APPROVED	Murray Lu	11/25'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.20		File NO.	UBC07001S				
.XXX±0.10		REV.	蘇州祥龍嘉業電子科技股份有限公司				
SHEET	2/3	Q'TY	1	A2	Goldenconn Electronics Technology Co.,LTD		



RECOMMENDED PCB LAYOUT TOP VIEW
DEFAULT TOLERANCE ±0.05

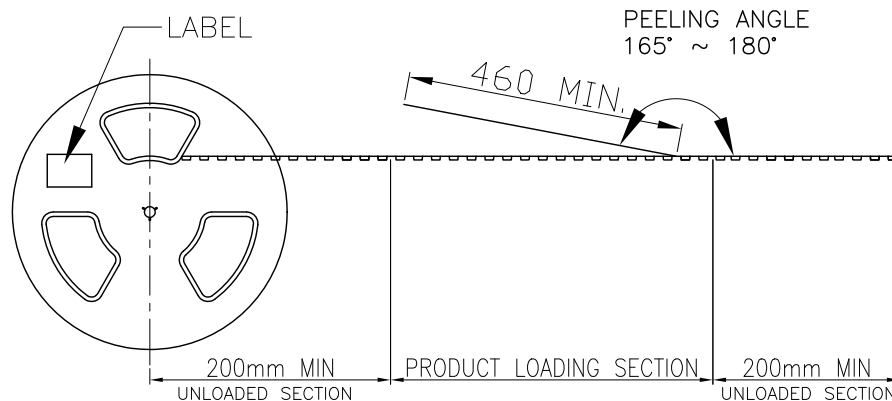


RECOMMENDED CONNECTOR EDGE
(COMPONENT SIDE, TOP VIEW)

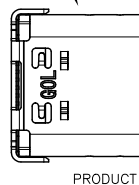
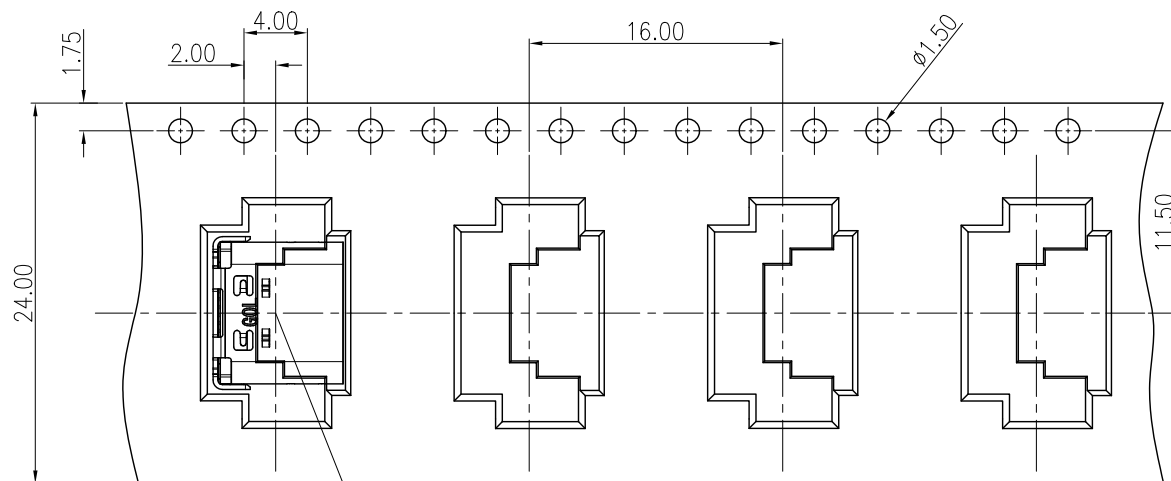
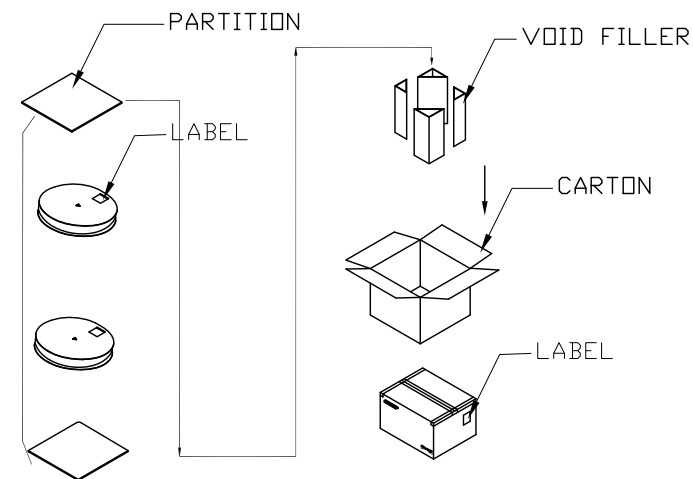
REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	05/03'20
A1	---	logo position	08/21'20
A2	---	增加鍍金規格 (3u'')	11/25'20

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: 350X350X300mm
- QUANTITY : SEE TABLE
- PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
- PEELING SPEED : 300mm/MINUTES



PULL OUT DIRECTION



PRODUCT

700	9	6300
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	Harold.Zhou	11/25'20	SCALE	PART NO.	1UBC070*24R1R-HF
X.±0.40	x.°±1°	CHECKED	Ray.Lee	11/25'20	N/A	TITLE	USB TYPE C SMT,CH1.57mm
.X±0.30	.x°±0.1°	APPROVED	Murray Lu	11/25'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.25		File NO.	UBC07001S				
.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	A2	Goldenconn Electronics Technology Co.,LTD		