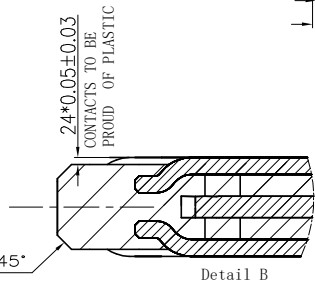
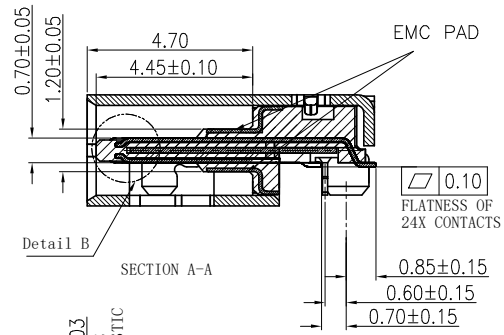
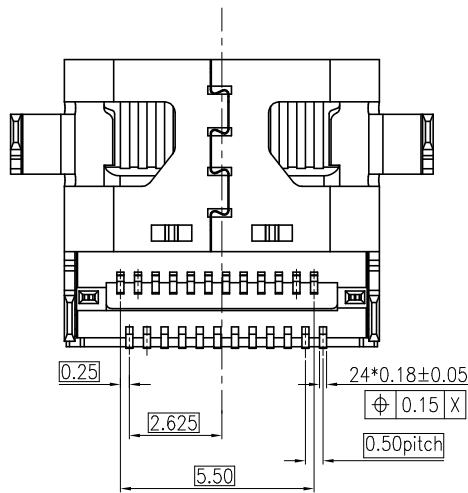
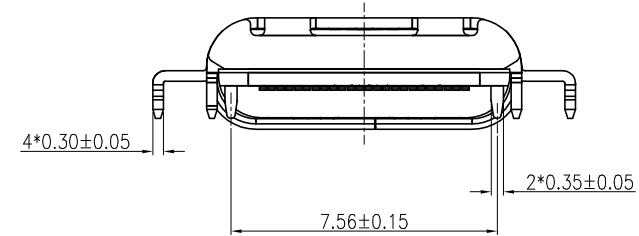
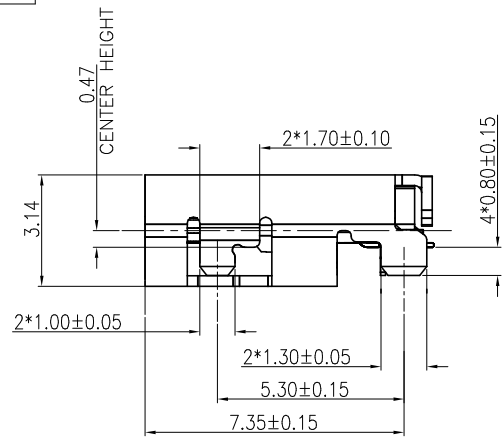
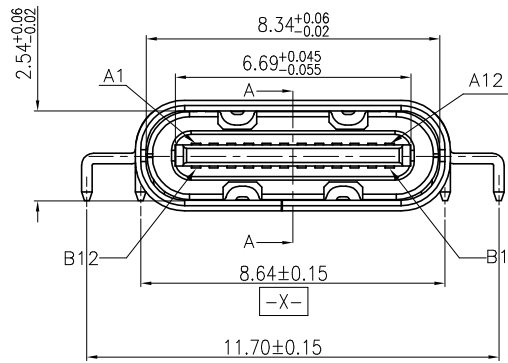
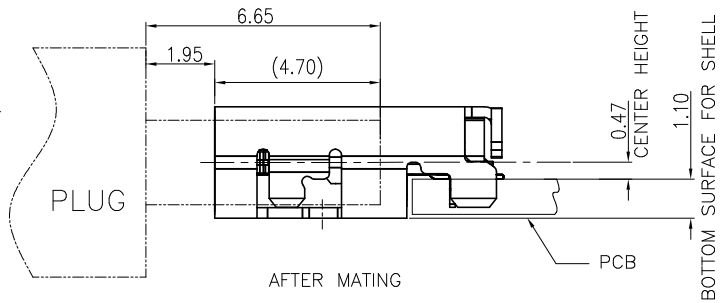
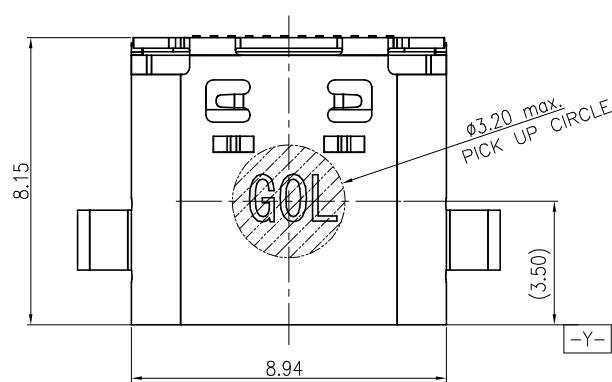


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	05/03'20

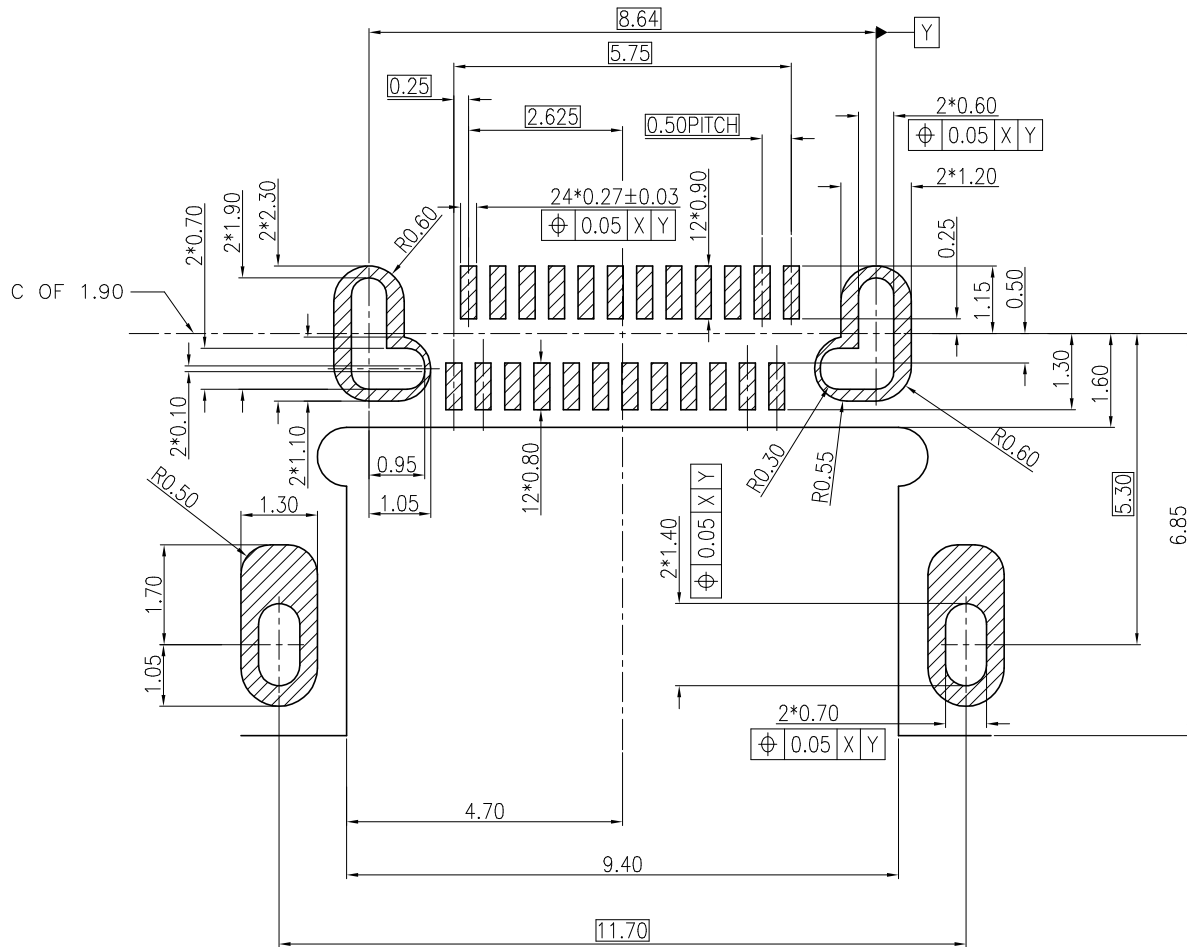


⑦	TOP CONTACT	1 SET	C18150-R540	50u" MIN. NI UNDER PLATING. 80u"MIN.MATTE TIN PLATING ON SOLDER AREA. GOLD PLATING ON CONTACT AREA.(SEE PART MUM)
⑥	BOTTOM CONTACT	1 SET	C18150-R540	
⑤	MID PLATE	1 PCS	STAINLESS STEEL	50u" MIN. SOLDERABLE NI PLATING OVERALL.
④	BOTTOM EMC PAD	2 PCS	STAINLESS STEEL	NO PLATING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

GENERAL TOLERANCE		DRAWN	10/21'20	SCALE	PART NO.	1UBC087*24R1R-HF
X.±0.30	x.'±1°	CHECKED	Ray.Lee	N/A	TITLE	USB TYPE C SMT,CH0.47mm
.X±0.25	.X'±0.1°	APPROVED	Murray Lu	UNITS	mm	CUSTOMER DRAWING
.XX±0.20		File NO.	UBC08701S			
.XXX±0.10		REV.				
SHEET	1/3	QTY	1	A	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



RECOMMENDED PCB LAYOUT TOP VIEW
DEFAULT 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.

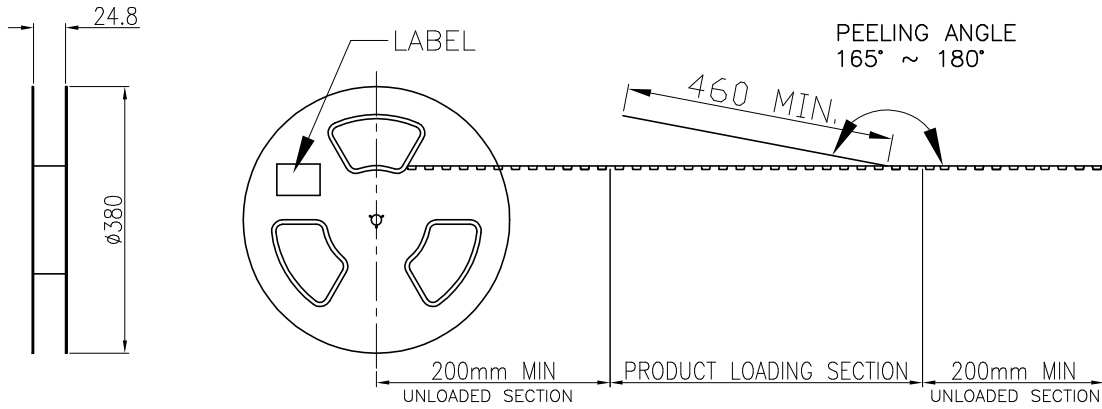
4. PRODUCT NUMBER :1UBC087 * 24 R1R-HF

PLATING CODE:
F:GOLD FLASH
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	10/21'20	SCALE	PART NO.	1UBC087*24R1R-HF		
X.±0.30	x.'±1'	CHECKED	Ray.Lee	N/A	TITLE	USB TYPE C SMT,CH0.47mm		
.X±0.25	.X'±0.1'	APPROVED	Murray Lu	UNITS	mm	CUSTOMER DRAWING		
.XX±0.20		File NO.	UBC08701S					
.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	A				

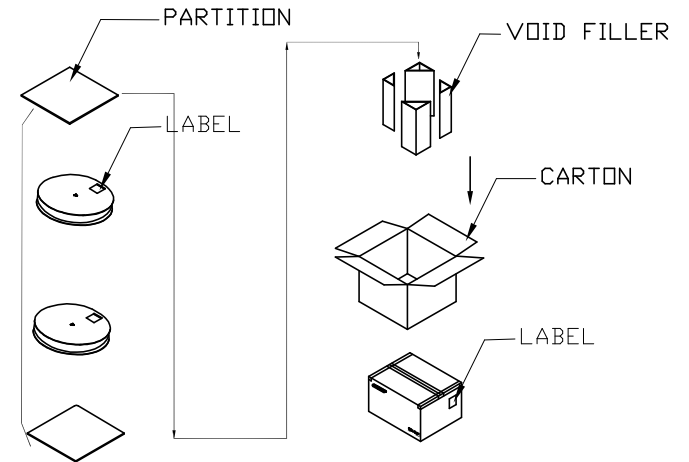
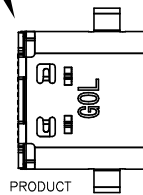
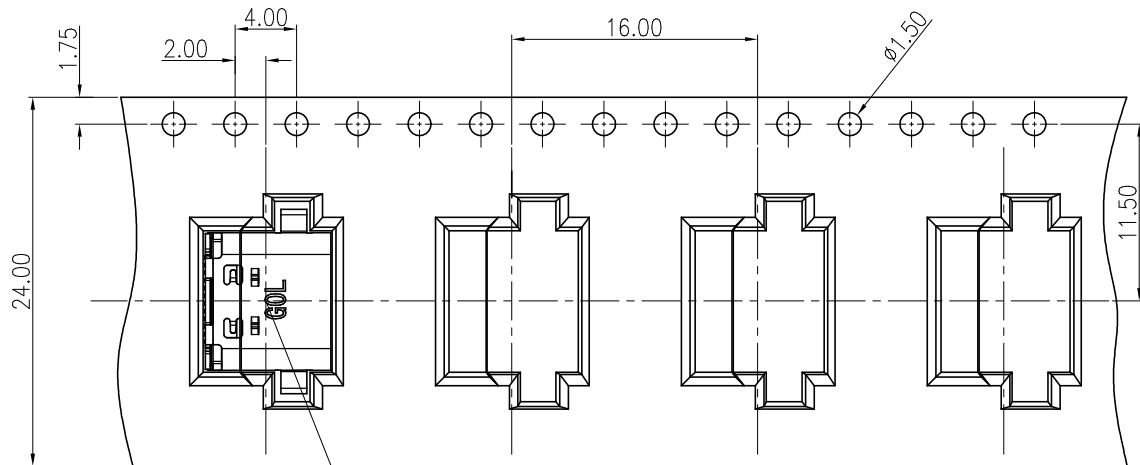
REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	05/03'20



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



1100	9	9900
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WeiHongSu	10/21'20	SCALE	PART NO.	1UBC087*24R1R-HF
X.±0.40	x.'±1°	CHECKED	Ray.Lee	10/21'20	N/A	TITLE	USB TYPE C SMT,CH0.47mm
.X±0.30	.X'±0.1°	APPROVED	Murray Lu	10/21'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.25		File NO.	UBC08701S				
.XXX±0.10		REV.					
SHEET	3/3	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		