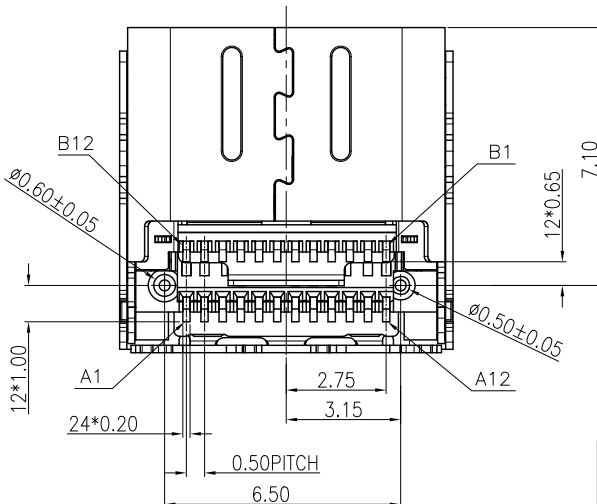
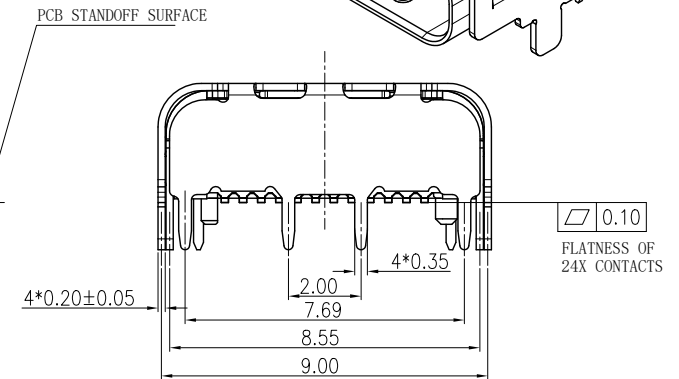
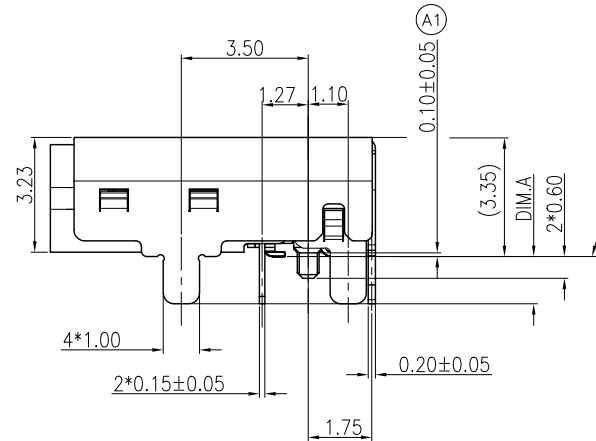
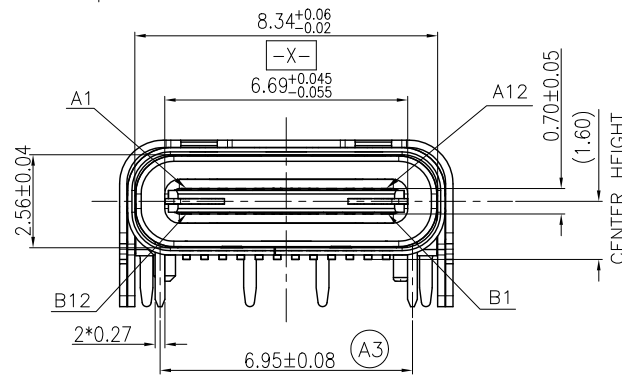
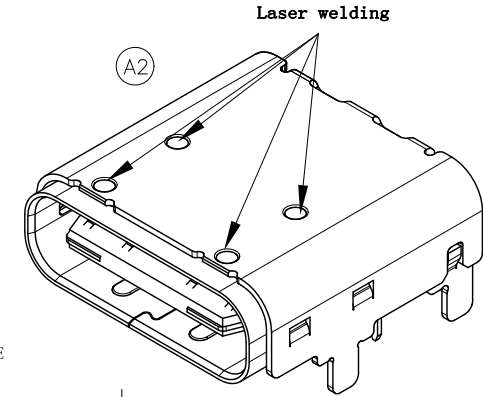
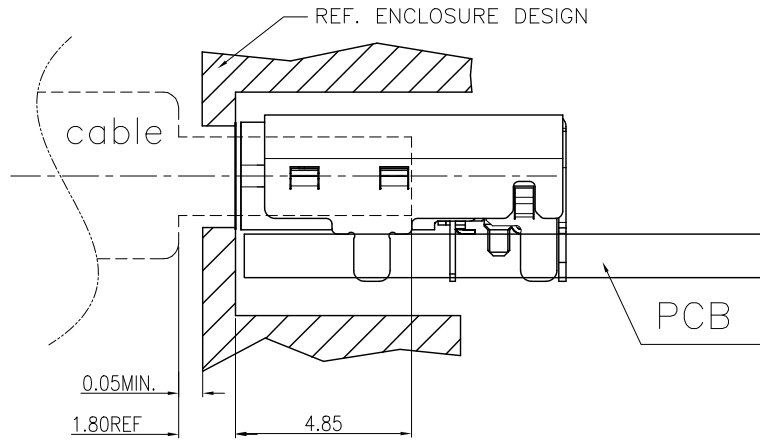
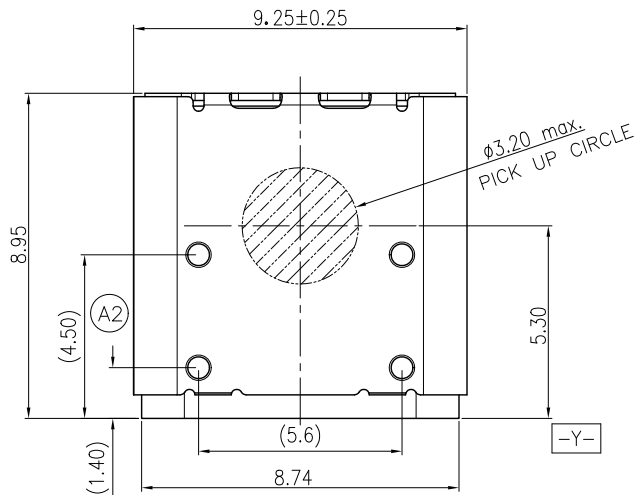


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	03/06'17
A1	---	ADD STANDOFF SURFACE	04/05'17
A2	---	CHANGE THE POSITION OF LASER WELDING.	12/05'17
A3	---	STRENGTHEN THE CONTROL STANDARD OF $6.95\pm 0.08>$.	12/11'19



⑥	TOP CONTACT	1 SET	COPPER ALLOY	50u" MIN. Ni UNDER PLATING.
⑤	BOTTOM CONTACT	1 SET	COPPER ALLOY	80u" MIN. MATTE TIN PLATING ON SOLDER AREA.
④	SHIELDING PLATE	1 PCS	STAINLESS	GOLD PLATING ON CONTACT AREA.(SEE PART NUM)
③	HOUSING	1 PCS	THERMOPLASTIC.	50u" MIN. SOLDERABLE Ni PLATING OVERALL.
②	SHELL	1 PCS	STAINLESS	UL94V-0
①	TOP SHELL	1 PCS	STAINLESS	50u" MIN. SOLDERABLE Ni PLATING OVERALL.
ITEM	PART NAME	QTY	MATERIAL	RFMARK

GENERAL TOLERANCE		DRAWN	WeiHongSu	2020.01.02	SCALE	PART NO.	1UBC009*24R**-HF
X.±0.30	x.*±1°	CHECKED	Ray.Lee	2020.01.02	N/A	TITLE	USB TYPE C DUAL SMT,CH1.6mm
.X±0.25	.x*±0.1°	APPROVED	Murray Lu	2020.01.02	UNITS	mm	CUSTOMER DRAWING
.XX±0.20		File NO.	UBC00901S				
.XXX±0.10		REV.					

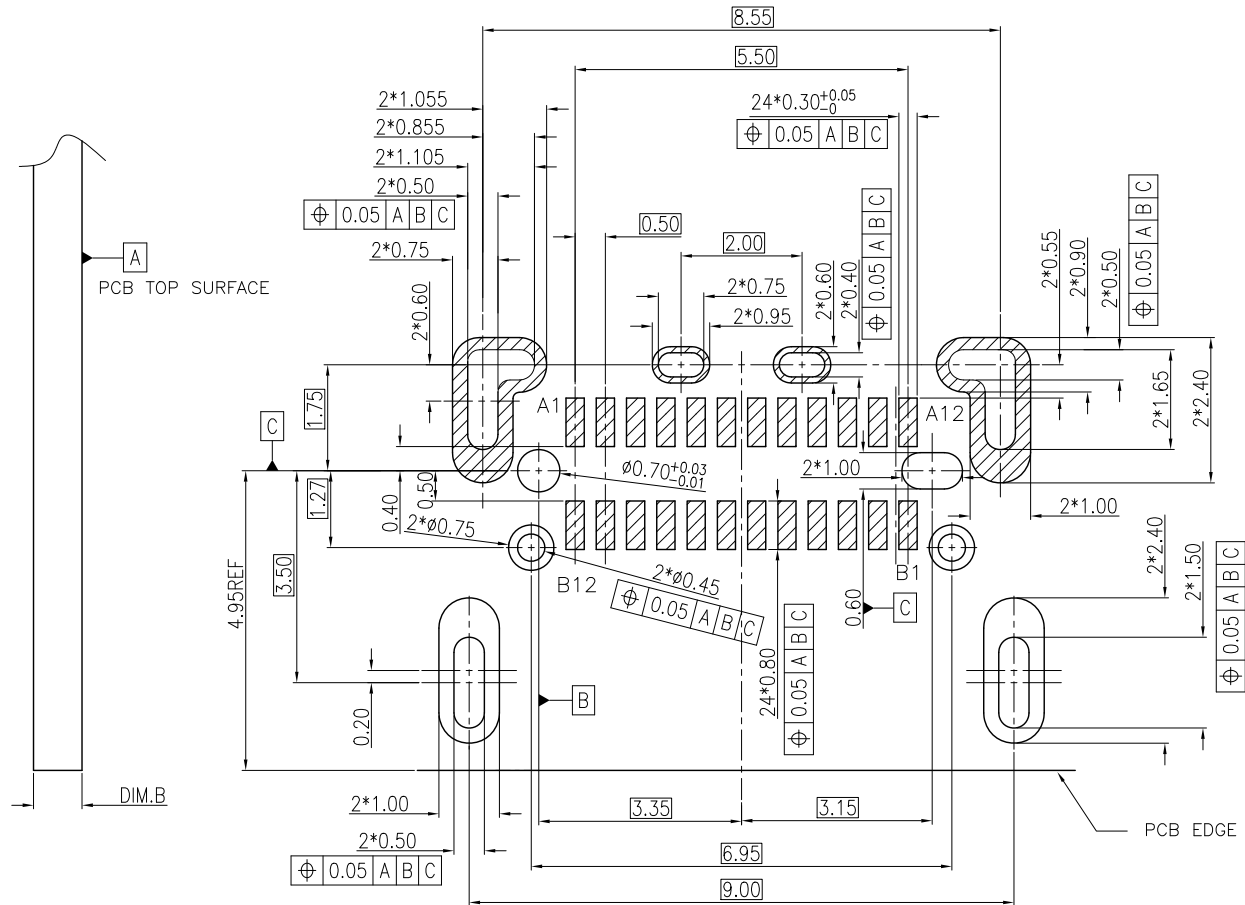
0.60~0.8	0.70	1UBC009*24R*1-HF
1.20	1.30	1UBC009*24R*2-HF
DIM.B(mm)	DIM.A(mm)	PRODUCT NUMBER

SHEET	1/3	Q'TY	1	REV.	A3
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蘇州祥龍嘉業電子科技股份有限公司
Goldenconn Electronics Technology Co.,LTD

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NOTES:

- ELECTRICAL CHARACTERISTICS :
 - CONTACT CURRENT RATING:
 - 5.0 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
 - 0.25 A MIN FOR ALL OTHER CONTACTS.
 - CONTACT RESISTANCE: INITIAL 40 mΩ Max. AFTER 50 mΩ Max.
 - DIELECTRIC WITHSTANDING VOLTAGE : 100 VRMS AC MIN.
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE: 5~20N. AT A MAXIMUM RATE OF 12.5MM PER SECOND.
 - CONNECTOR EXTRACTION FORCE: 8~20N FORM 1000 CYCLES 6~20N FORM 1000 TO 10000 CYCLES
 - DURABILITY: 10000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
- DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENDED PROCESS: IR REFLOW 260°C, 10 SECONDS.
- THE CONNECTOR IS ROHS COMPLIANT.
- PRODUCT NUMBER :

1UBC009 * 24R * * -HF
 00:ROHS
 HF:HALOGEN FREE
 1:DIM.A=0.70mm,DIM.B=0.6~0.8mm
 2:DIM.A=1.30mm,DIM.B=1.20mm
 HOUSING COLOR
 1:BLACK
 2:Natural
 PLATING CODE:
 F:GOLD FLASH
 E:Au:5u''
 J:Au:15u''
 K:Au:30u''

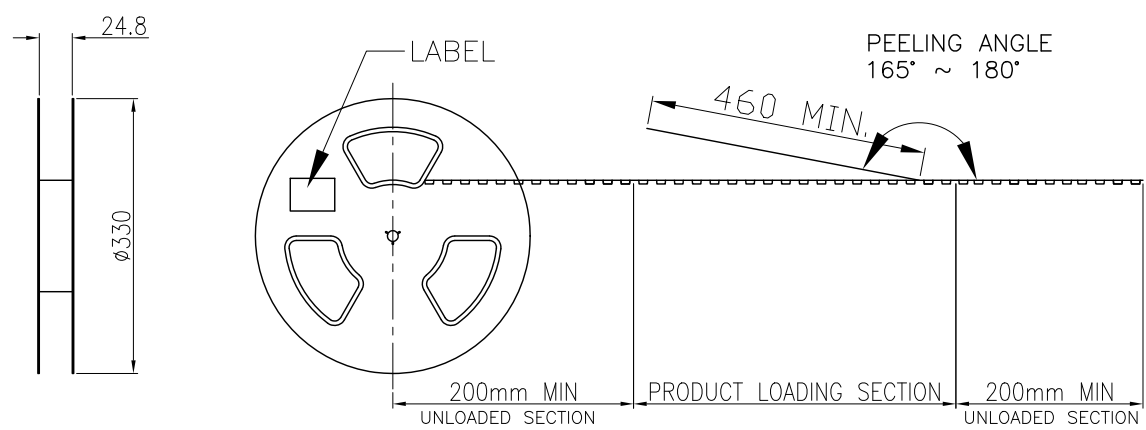
PIN	SIGNAL NAME	PIN	SIGNAL N
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

RECOMMENDED PCB LAYOUT TOLERANCE $\pm 0.05\text{MM}$.

GENERAL TOLERANCE		DRAWN	WeiHongSu	2020.01.02	SCALE	PART NO.	1UBC009*24R**-HF
X. ± 0.30	x. $\pm 1^{\circ}$	CHECKED	Ray.Lee	2020.01.02	N/A	TITLE	USB TYPE C DUAL SMT,CH1.6mm
.X ± 0.25	.x $\pm 0.1^{\circ}$	APPROVED	Murray Lu	2020.01.02	UNITS	mm	CUSTOMER DRAWING
.XX ± 0.20		File NO.	UBC00901S				
.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	A3	Goldenconn Electronics Technology Co.,LTD		

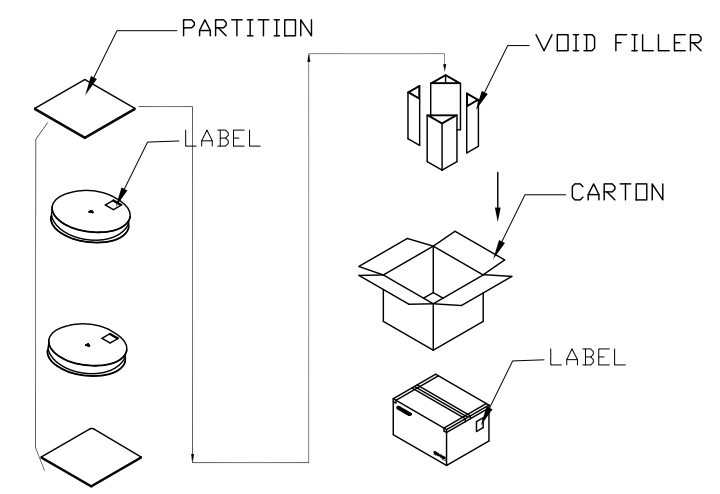
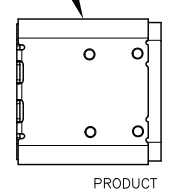
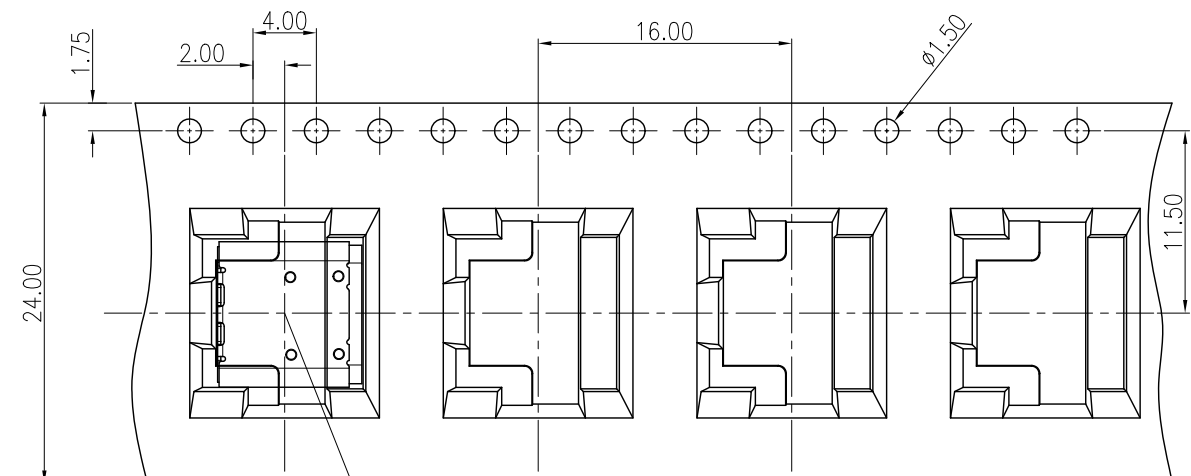
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- NOTES :
- MATERIAL :
COVER TAPE : P.S T=0.05mm
CARRIER TAPE : P.S T=0.40mm
CARTON: CORRUGATED FIBER
 - DIMENSION :
REEL : SEE DRAWING
SHIPPING BOX: 350X350X300mm
 - QUANTITY : SEE TABLE
 - PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
 - PEELING SPEED : 300mm/MINUTES

PULL OUT DIRECTION
→



800	9	7200
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WeiHongSu	2020.01.02	SCALE	PART NO.	1UBC009*24R**-HF
X.±0.40	x.°±1°	CHECKED	Ray.Lee	2020.01.02	N/A	TITLE	USB TYPE C DUAL SMT,CH1.6mm
.X±0.30	.x°±0.1°	APPROVED	Murray Lu	2020.01.02	UNITS	mm	CUSTOMER DRAWING
.XX±0.25		File NO.	UBC00901S				
.XXX±0.10		REV.					
SHEET	3/3	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		

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