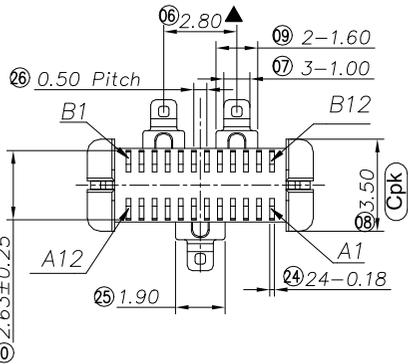
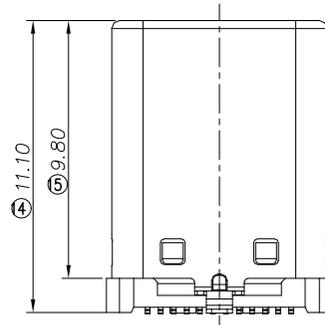
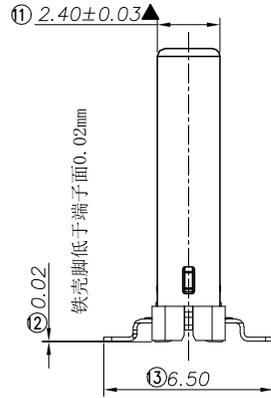
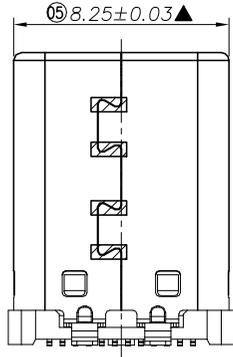
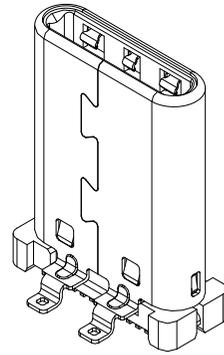
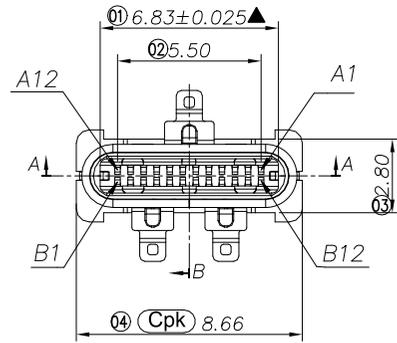


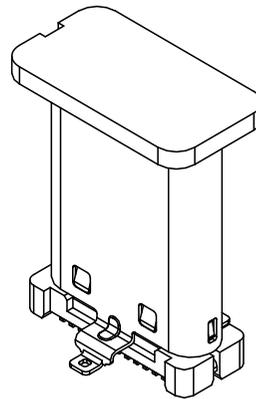
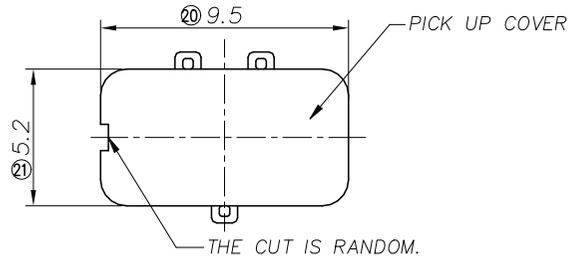
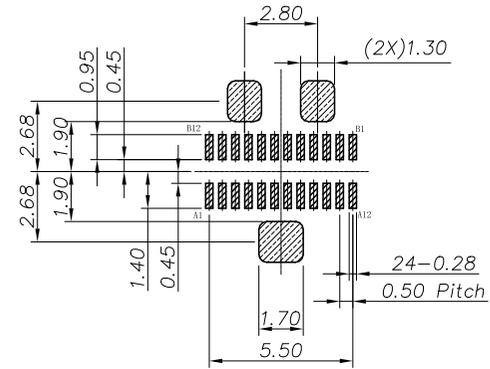
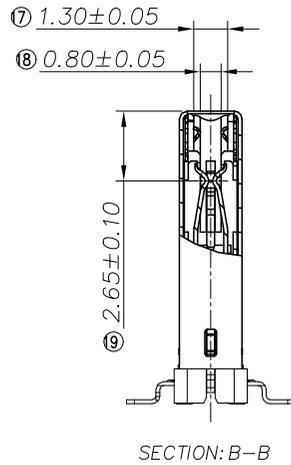
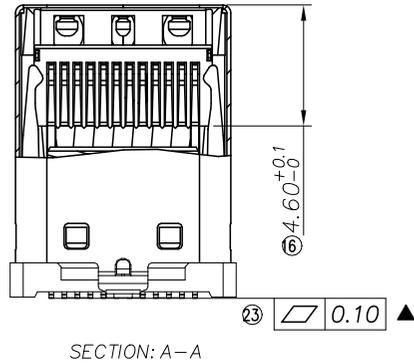
RoHS2.0



NOTES:  
 1.MATERIAL SPECIFICATION:  
 1.HOUSING&PICKUP COVER:LCP,UL94 V-0.BLACK  
 2.CONTACTS:COPPRE ALLOY  
 3.LATCH: STAINLESS STEEL  
 4.SPRING: STAINLESS STEEL  
 5.FRONT SHELL: STAINLESS STEEL  
 2.PLATING SPECIFICATION:  
 2-1.CONTACTS:  
 Ni 50u" MIN. UNDER PLATED OVER ALL.  
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
 (GOLD PLATING THICKNESS FOLLOW THE P/N)  
 PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N  
 2-2.FRONT SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.  
 2-3.LATCH:  
 Ni 50u" MIN. UNDER PLATED OVER ALL.  
 80u" MIN. TIN PLATED ON SOLDER AREA.  
 2-4.SPRING: CLEAR ONLY  
 3.MECHANICAL PERFORMANCE,  
 3-1.INSERTION FORCE : 5N~20N(5~20N AFTER DURABILITY)  
 3-2.UNMATING FORCE: 8N~20N(6~20N AFTER DURABILITY)  
 3-3.DURABILITY: 10000 CYCLES.  
 4.ELECTRICAL PERFORMANCE,  
 4-1. CURRENT RATING: 3A MAX.  
 VOLTAGE RATING: 5.0V  
 4-2. LLCR:  
 VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.  
 SHIELD: 50mA/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mA  
 4-3.INSULATION RESISTANCE: 100MΩ MIN  
 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.  
 5. ENVIRONMENTAL PERFORMANCE:  
 OPERATING TEMPERATURE: -25°C~+85°C.  
 6.IR REFLOW:  
 THE PEAK TEMPERATURE ON THE BOARD SHALL  
 BE MAINTAINED FOR 10 SECONDS AT 260°C.  
 7. Dimensions with ○ are FAI Dimensions which  
 should be measured and meet the spec during initial  
 approval. Dimensions with ▲ are SPC Dimensions which  
 should be measured and meet the spec all the time.The  
 symbol (Cpk) indicates the CPK size  
 8.P/N:  
 UCB1C-24AB0 3 A N L-R  
 PIN NUMBER: \_\_\_\_\_  
 24PIN  
 CONTACT: \_\_\_\_\_  
 3.5u" CONTACT AREA  
 R: ROHS  
 PACK:  
 L: TAPE REEL  
 COLOR:  
 A: Black

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.			
A0	NEW RELEASE	2023. 9. 19	LINEAR	ANGLES	1:1	SKY	2023. 9. 19	UCB1C-24AB03ANL-R	ENDE05			
			0.0±0.30	X. ° ±10°	APPROVED	-	-	TITLE				
			0.00±0.20	X. X° ±8°	DESIGNER	-	-	TYPE C AM 24PIN SMT VERTICAL H=11.1 FULL PASTE				
			UNIT: MM	0.00±0.10	X. XX° ±5°	DRAWN	GSQ	2023. 9. 19	REV	A0	SHEET	1/3

RoHS2.0



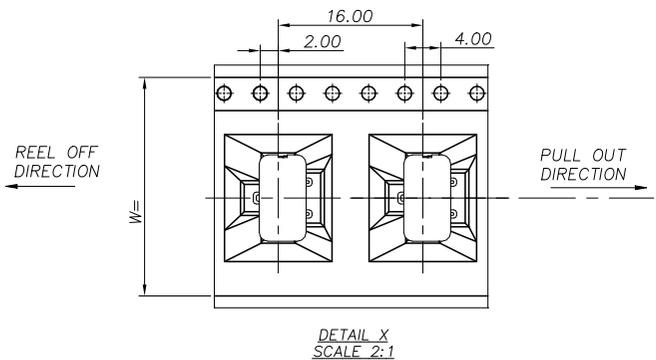
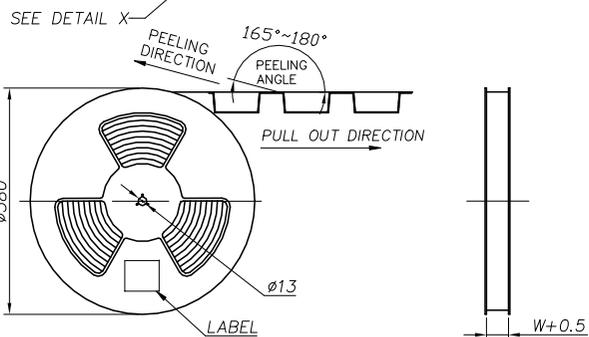
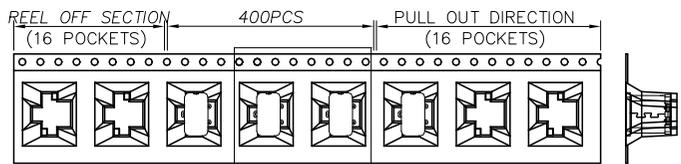
AFTER WITH PICKUP COVER

USB TYPE-C PIN ASSIGNMENTS

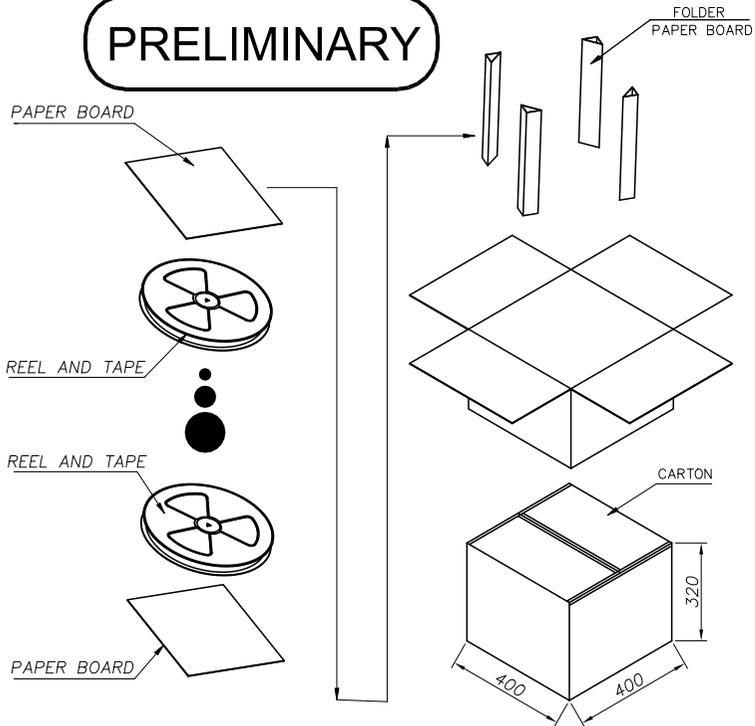
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2023. 9. 19	LINEAR	ANGLES	1:1	SKY	2023. 9. 19	UCB1C-24AB03ANL-R	ENDE05				
			0.0±0.30	X. ° ±10°	APPROVED	-	-						
			0.00±0.20	X. X° ±8°	DESIGNER								
			UNIT: MM					TITLE		REV	A0	SHEET	2/3
			SIZE: A4	0.000±0.10	X. XX° ±5°	DRAWN	GSQ	2023. 9. 19	TYPE C AM 24PIN SMT VERTICAL H=11.1 FULL PASTE				

RoHS2.0



**PRELIMINARY**



	REEL/TRAY	CARTON
CONNECTOR (PCS)	400	4000

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.
A0	NEW RELEASE	2023. 9. 19		LINEAR	1:1	SKY	2023. 9. 19	UCB1C-24AB03ANL-R	ENDE05
				0.0±0.35					
				0.00±0.25	X.X° ±1°	DESIGNER	---	TITLE	
				SIZE: A4	0.000±0.15	X.XX° ±0.5°	DRAWN	GSQ	2023. 9. 19


1

2

3

4

5

6

7

8