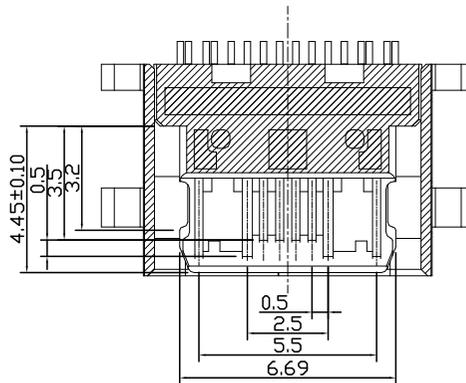
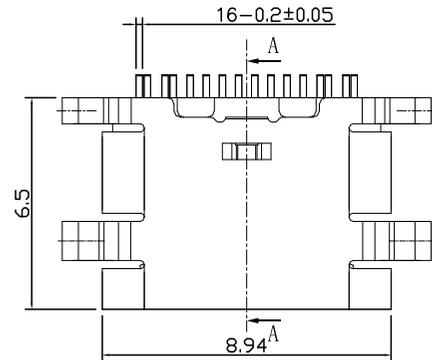
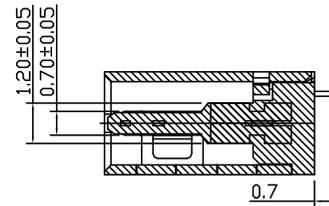
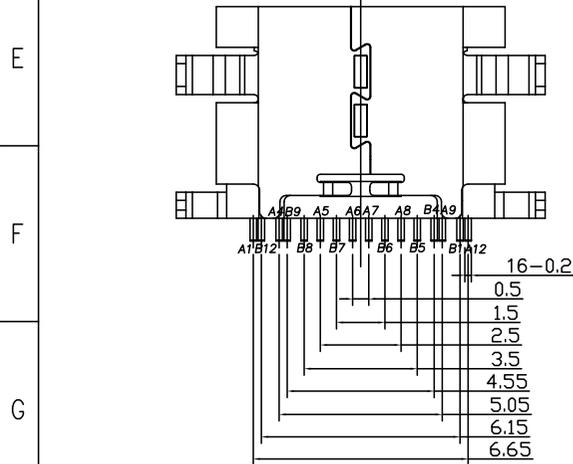
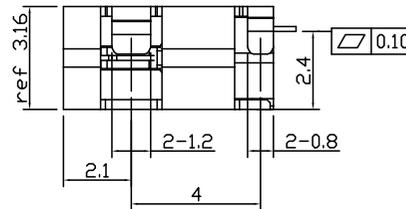
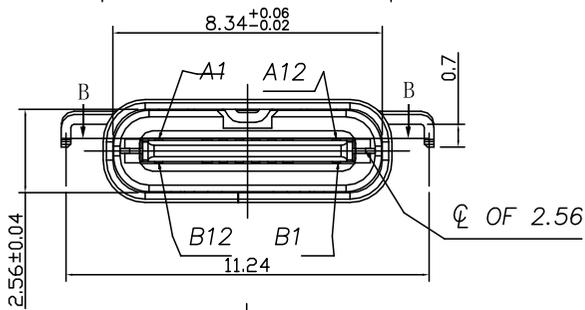


RoHS2.0



SECTION B-B
SCALE 1:1



SECTION A-A
SCALE 1:1

NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY
 - 3.MID PLATE: 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)
 - GOLD FLASH PLATING ON SOLDER AREA
 - 2-2. SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING: 5A
 - VOLTAGE RATING: 20V
 - 4-2.INSULATION RESISTANCE: 100MΩ MIN
 - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ
5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -30°C~+80°C.
- 6.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

UCB11-16BSO 1 ANL- R

PIN NUMBER:
16: 16PIN
X: XXPIN

R: ROHS
H: HF

CONTACT NUMBER:
1: G/F CONTACT AREA
2: 3u" CONTACT AREA
4: 10u" CONTACT AREA
6: 20u" CONTACT AREA
7: 30u" CONTACT AREA
8: ELSE

PACK NUMBER:
L: TAPE REEL
B: TRAY
G: TUBE
P: BAG

COLOR:
A: BLACK

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 4. 09	LINEAR	ANGLES	1:1	SKY	2021. 4. 09	UCB11-16BSO1ANL-R	ENDE05				
			0.0±0.35	X° REF±2°	APPROVED	—	—	TITLE					
			0.00±0.25	X.X° ±1°	DESIGNER	—	—	TYPE-C 16P AF L=6.5 SINKING PLATE 2.4 (CH=0.82mm)					
			UNIT: MM	X.XX° ±0.5°	DRAWN	YYG	2021. 4. 09			REV	A0	SHEET	1/3

1

2

3

4

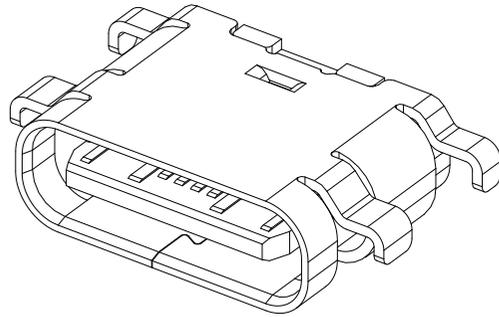
5

6

7

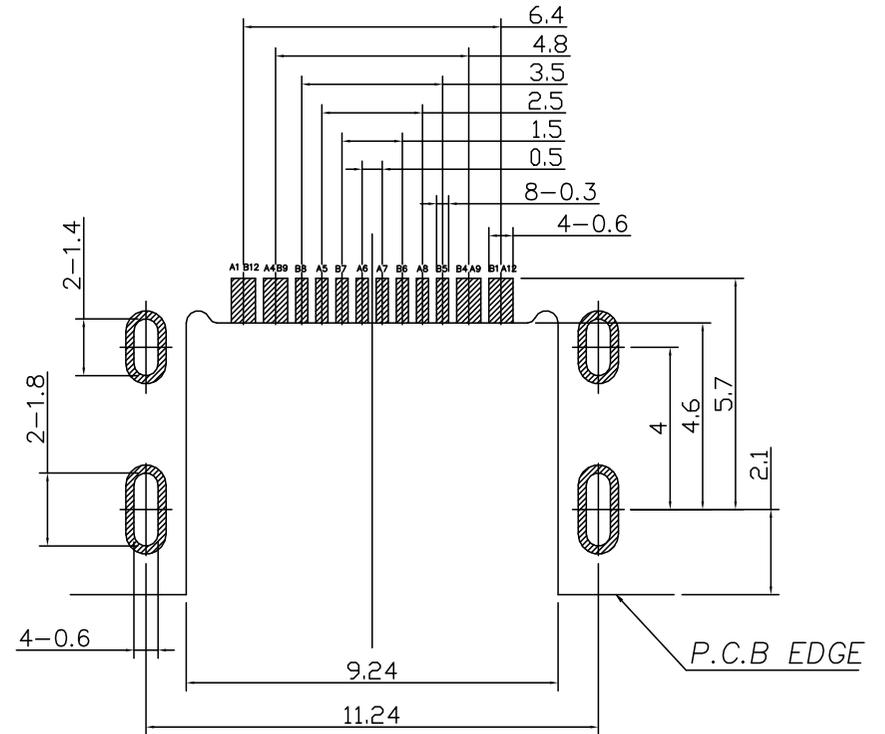
8

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USB TYPE-C PIN ASSIGNMENTS

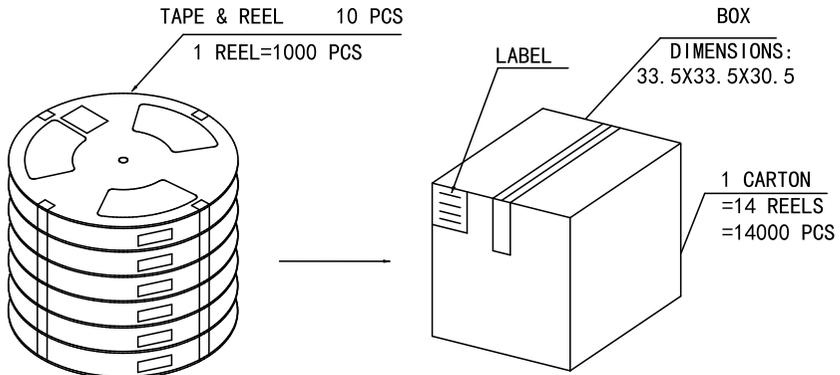
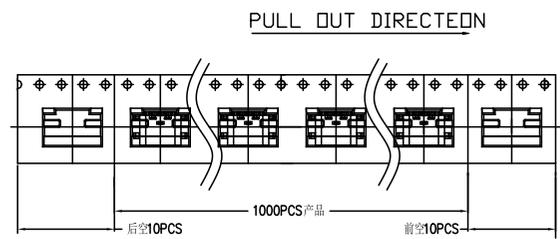
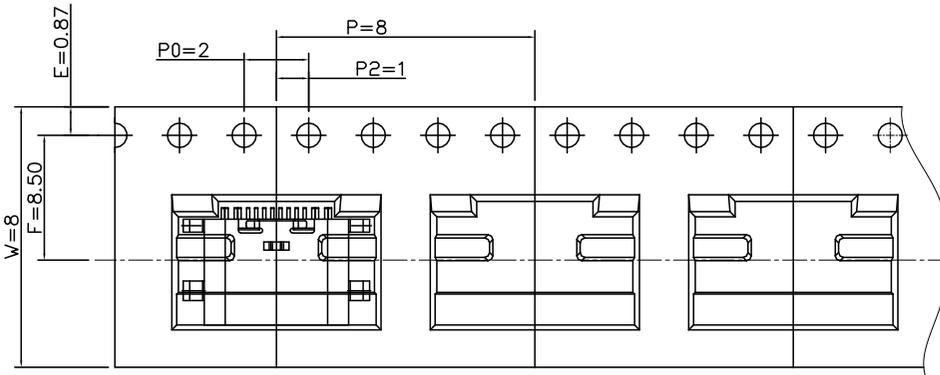
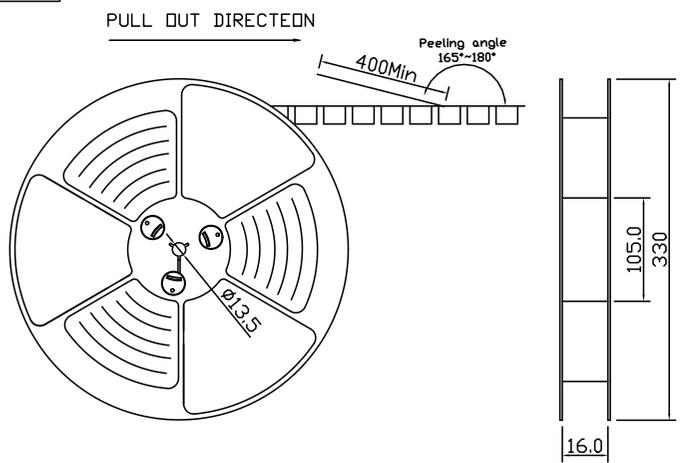
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 4. 09	LINER	ANGLES	APPROVED	SKY	2021. 4. 09	UCB11-16BS01ANL-R	ENDE05				
			0.0 \pm 0.35	X $^{\circ}$ REF \pm 2 $^{\circ}$	DESIGNER	—	—	TITLE					
			UNIT: MM	X.X $^{\circ}$ \pm 1 $^{\circ}$	DRAWN	YYG	2021. 4. 09	TYPE-C 16P AF L=6.5 SINKING PLATE 2.4 (CH=0.82mm)					
			SIZE: A4	X.XX $^{\circ}$ \pm 0.5 $^{\circ}$						REV	A0	SHEET	2/3

RoHS2.0



NOTES
 1.LEAD TAPE LENGTH
 PULL OUT DIRECTEON
 2.PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)
 THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT :
 PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

PCS/REEL	PCS/CARTON
1000 PCS	14000 PCS

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 4. 09		LINEAR	ANGLES	1:1						APPROVED	SKY	2021. 4. 09
			0.0±0.35	X° REF±2°		DESIGNER	—	—	TITLE					
			UNIT: MM	0.00±0.25	X.X° ±1°	DRAWN	YYG	2021. 4. 09	TYPE-C 16P AF L=6.5 SINKING PLATE 2.4 (CH=0.82mm)					
			SIZE: A4	0.000±0.15	X.XX° ±0.5°				Packing drawing		REV	A0	SHEET	3/3