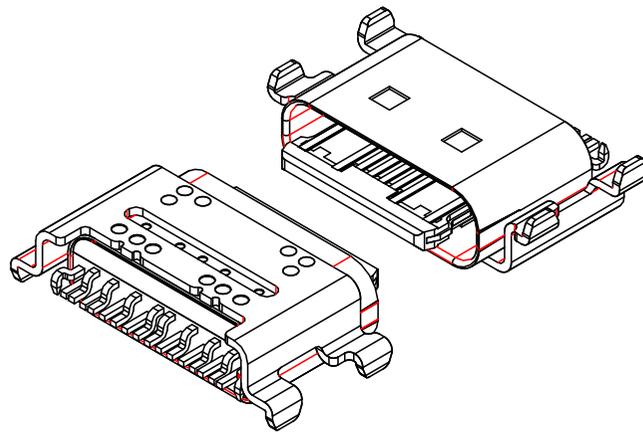
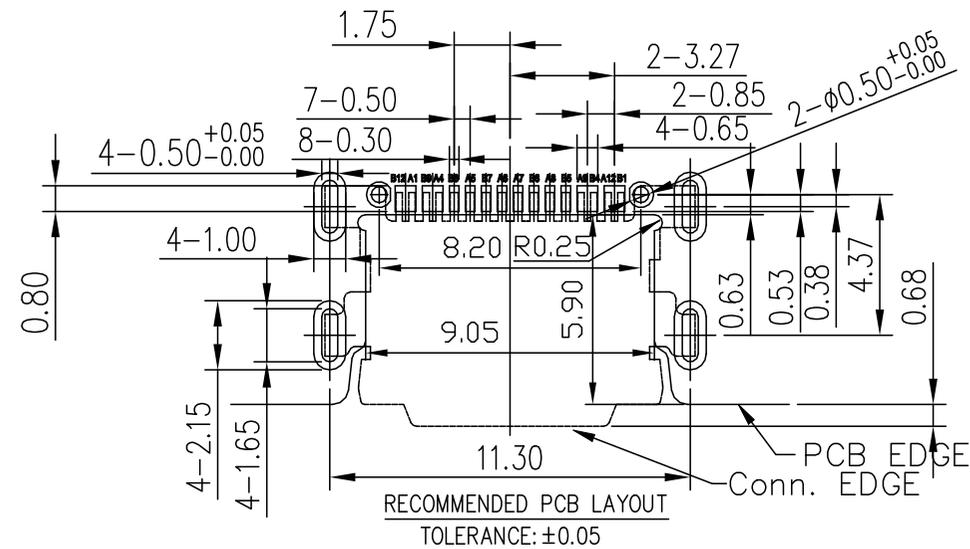


Pin Assignments

Contact Number	Signal Name	Contact 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

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021.6.6		LINEAR	1:1	SKY	2023.9.13	UCB14-16BB05ANL-H	ENDE05				
A1	Change the Frame And add new specifications	2023.6.26		ANGLES	APPROVED								
A2	Update the drawing size based on the actual object	2023.9.13	UNIT: MM	0.00±0.20	DESIGNER	GSQ	2023.9.13	TITLE	USB TYPE CF 16P IPX7 Waterproof type, Sinking plate 1.13, SMT=0.8, NO LIM				REV
			SIZE: A4		DRAWN	GSQ	2021.6.6						

HF 



NOTES:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: High-Temp Plastics,UL94V-0,Color: Black.
- 1-2.CONTACTS: Copper Alloy T=0.25mm.
- 1-3.OUTER SHELL: Stainless Steel,T=0.30mm.
- 1-4.INNER SHELL: Stainless Steel,T=0.20mm.
- 1-5.MID-PLATE: Stainless Steel,T=0.20mm.
- 1-6.SOLDER-PLATE: Stainless Steel,T=0.10mm.

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni UNDERPLATED OVER ALL;
Gold Plated On Contact Area;
Gold Flash Plated On Solder Area.
- 2-2.SHELL:
Ni UNDERPLATED OVER ALL;
Gold Flash Plated ON Solder Leg.

3.RoHS AND HF COMPLIANT.

4.MECHANICAL PERFORMANCE:

- 4-1.MATING FORCE: 6~20N (Initial);5~20N (After)
- 4-2.UNMATING FORCE: 8~20N (Initial);6~20N (After)
- 4-3.DURABILITY: 10000 CYCLES.

5.ELECTRICAL PERFORMANCE:

- 5-1.CURRENT RATING: 3A; VOLTAGE RATING: 5.0V
- 5-2.LLCR:

VBUS & GND PINS: 40mOHM/PIN MAX.;
OTHERS PINS: 40mOHM/PIN MAX.;
LLCR MAX. CHANGE OF ALL PINS: 20mΩ

5-3.INSULATION RESISTANCE: 100MΩ MIN.

5-4.DIELECTRIC WITHSTANDING VOLTAGE:
100V AC FOR 1 MINUTE.

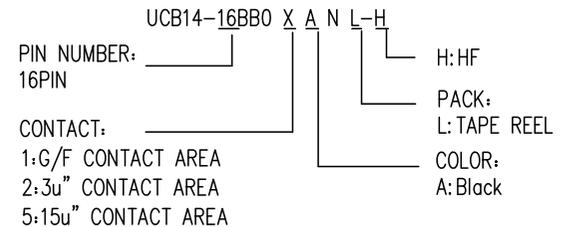
6.ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -20℃~+85℃.

7.RECOMMENDED PROCESS:

THE PEAK TEMPERATURE ON THE BOARD
SHALL MAINTAIN 10±1 SECONDS AT 255±5℃.

8.P/N:



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.		
A0	NEW RELEASE	2021. 6. 6		LINEAR	1: 1	SKY	2023. 6. 26	UCB14-16BB05ANL-H	ENDE05		
A1	Change Frame	2023. 6. 26		0. 0±0. 30	ANGLES						APPROVED
			UNIT: MM	0. 00±0. 20	X. X° ±3°	DESIGNER	2023. 6. 26	TITLE			
			SIZE: A4	X. XX° ±2°		DRAWN	2023. 6. 26	USB TYPE CF 16P IPX7 Waterproof type, Sinking plate 1.13, SMT=0.8, NO LIM			
								REV	A1	SHEET	2/3

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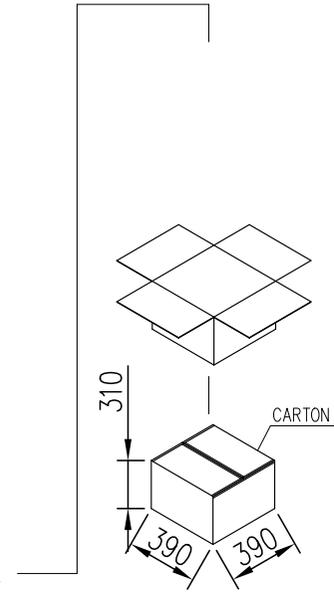
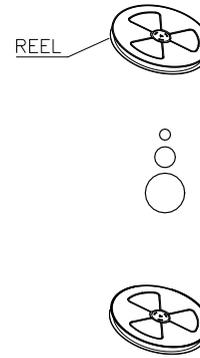
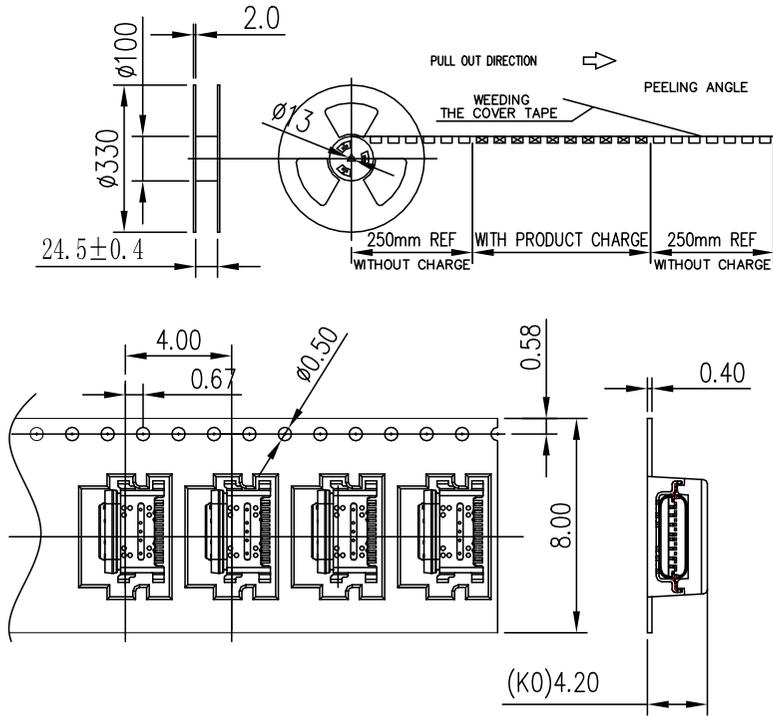
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HF



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

NOTE:
 1.QUANTITY:1000 PCS/RELL,10000PCS/CARTON.



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.			
A0	NEW RELEASE	2021.6.6		LINEAR	ANGLES	APPROVED	SKY	2021.6.6	UCB14-16BB05ANL-H	ENDE05			
			0.0±0.30	X.X° ±3°	DESIGNER	GSQ	2021.6.6	TITLE USB TYPE CF 16P IPX7 Waterproof type, Sinking plate 1.13, SMT=0.8, NO LIM Packing drawing					
			0.00±0.20	X.XX° ±2°	DRAWN	GSQ	2021.6.6						
			UNIT: MM							REV	A0	SHEET	3/3

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