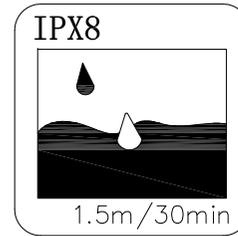
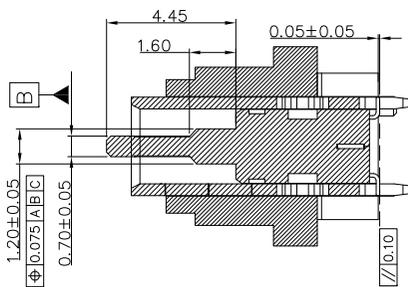
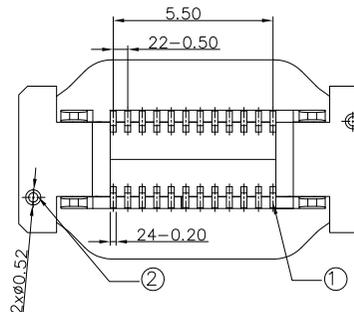
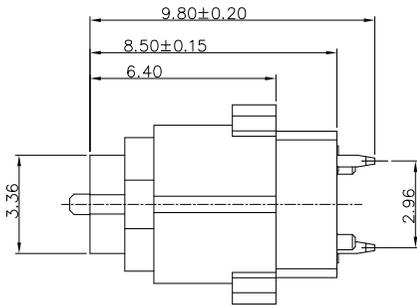
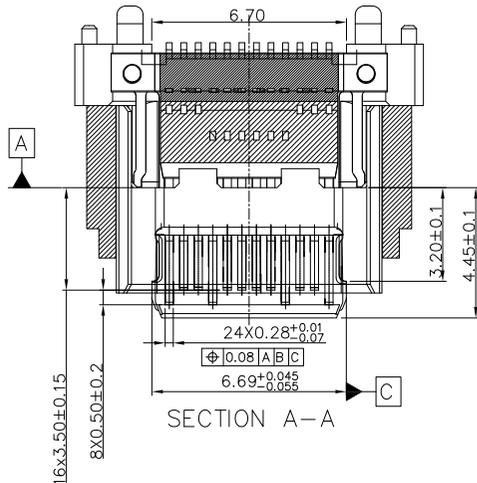
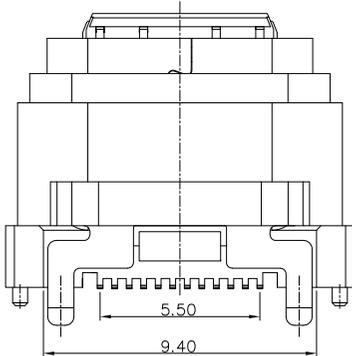
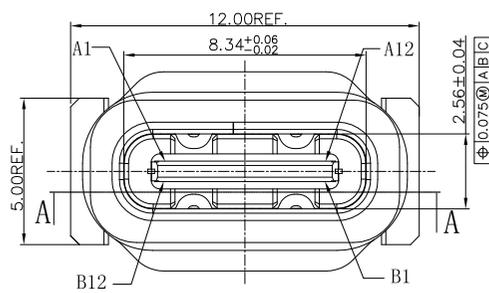
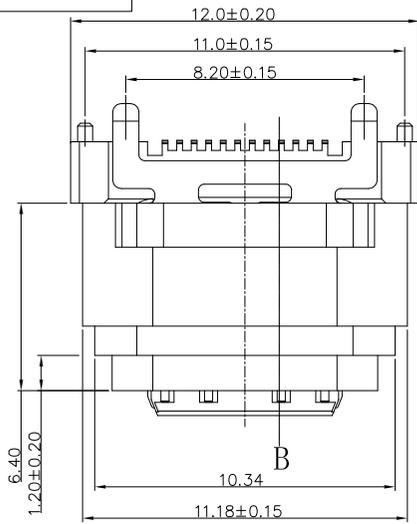


RoHS2.0



NOTES:

1. MATERIAL:
  - 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
  - 1.2 CONTACT: COPPER ALLOY
  - 1.3 SHELL: STAINLESS STEEL
  - 1.4 MID PLATE: STAINLESS STEEL
2. ELECTRICAL CHARACTERISTICS:
  - 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
  - 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PIN1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.
  - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
  - 2.4 INSULATION RESISTANCE 100MΩ Min
  - 2.5 OPERATING TEMPERATURE: -40° C ~ 85° C
3. MECHANICAL CHARACTERISTICS:
  - 3.1 MATING FORCE: 5~20 N.
  - 3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
  - 3.3 DURABILITY: 10,000 CYCLES
4. PLATING
  - 4.1 TERMINAL CONTACT: Au 3u'' PLATING ON CONTACT AREA; TIN 60u'' Min TING ON SOLDER TAIL, NI 50u'' Min UNDERPLATING OVERALL
  - 4.2 SHELL: 50u'' Min. NICKEL ALL OVER,
  - 4.3 MID PLATE: CLEAN
5. P/N:

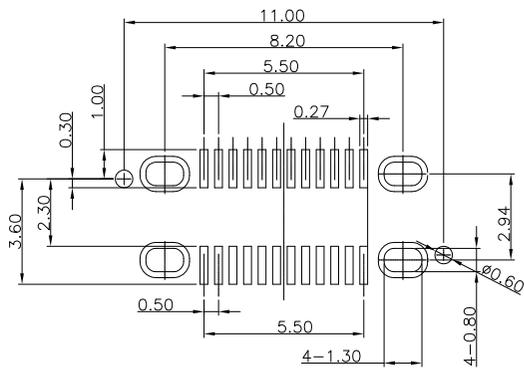
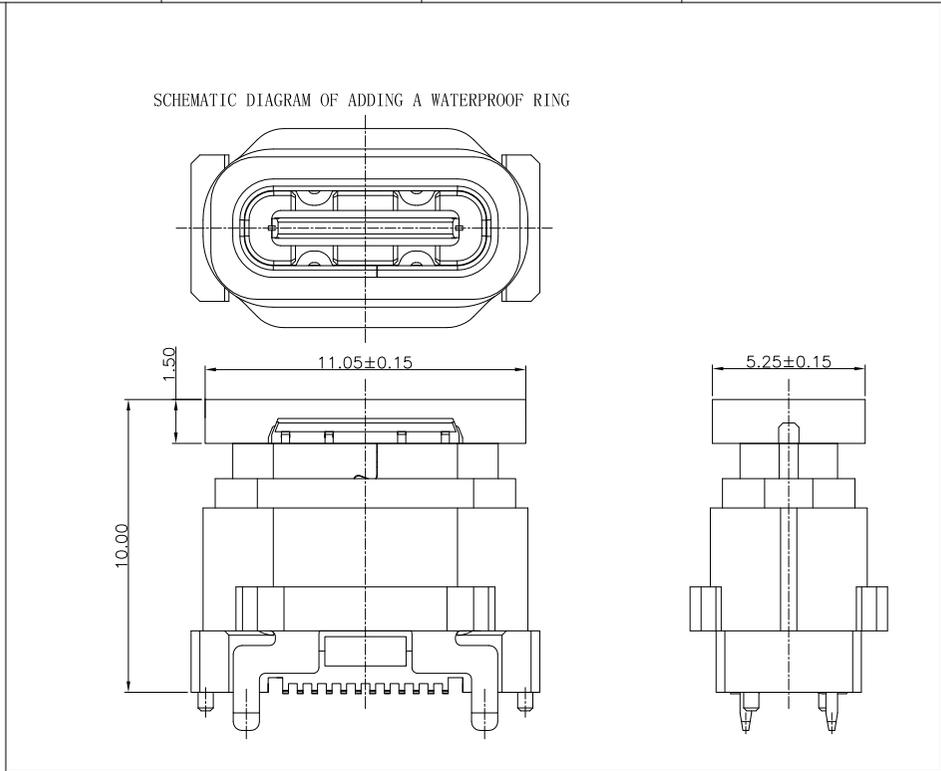
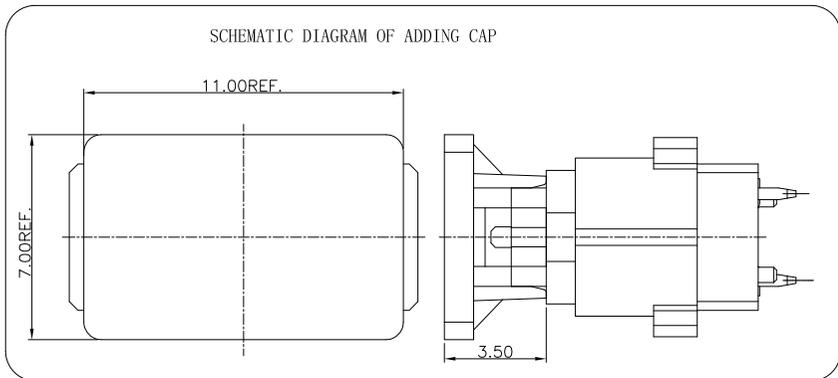
UCB56-24BB0 2 A N L-R  
 PIN NUMBER: 24PIN  
 CONTACT: 2: 3u'' CONTACT AREA  
 R: ROHS  
 PACK: L: TAPE REEL  
 COLOR: A: Black

5	CAP	HIGH TEMPERATURE PLASTIC	BLACK	1PCS	48H
4	SHELL	STAINLESS STEEL	Ni 50u'' Min Plated	1PCS	
3	LATCH	STAINLESS STEEL	NO PLATED	1PCS	
2	CONTACT	COPPER ALLOY	Au 3u'' PLATING ON CONTACT AREA; TIN 50u'' Min TING ON SOLDER TAIL, NI 50u'' Min UNDERPLATING OVERALL	1SET	
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL94V-0	1PCS	
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	SALT SPRAY

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.
A0	NEW RELEASE	2022. 10. 7	LINEAR	ANGLES	1:1	GSQ	2022. 10. 7		
			0.0±0.30	X.X° ±3°	APPROVED	-	-	TITLE	
			0.00±0.20	X.XX° ±2°	DESIGNER	-	-		
			0.000±0.10		DRAWN	SKY	2022. 10. 7		

PART NO.		DWG NO.			
UCB56-24BB02ANL-R		ENDE05			
USB TYPE CF 24PIN VERTICAL H=8.5mm Waferproof IPX8					
REV	A0	SHEET	1/3		

RoHS2.0



RECOMMENDED P.C.B. LAYOUT (T:1.00mm)

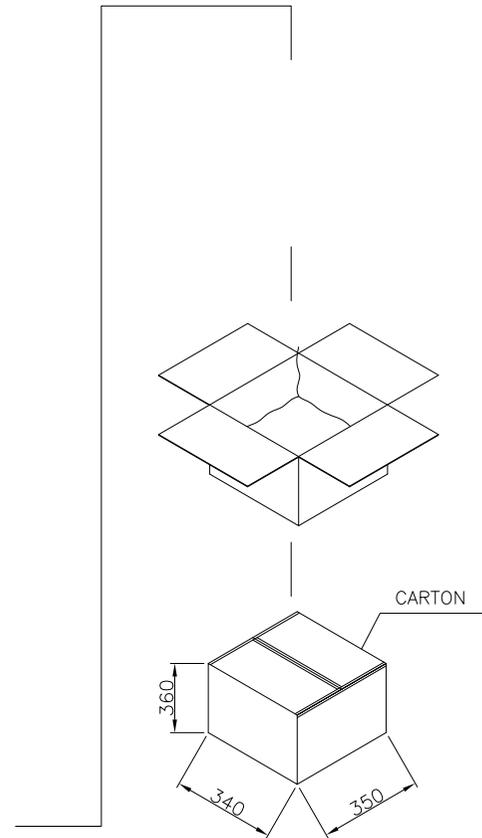
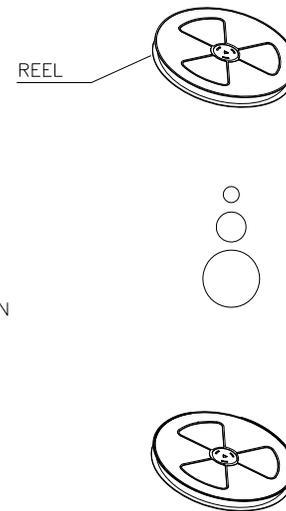
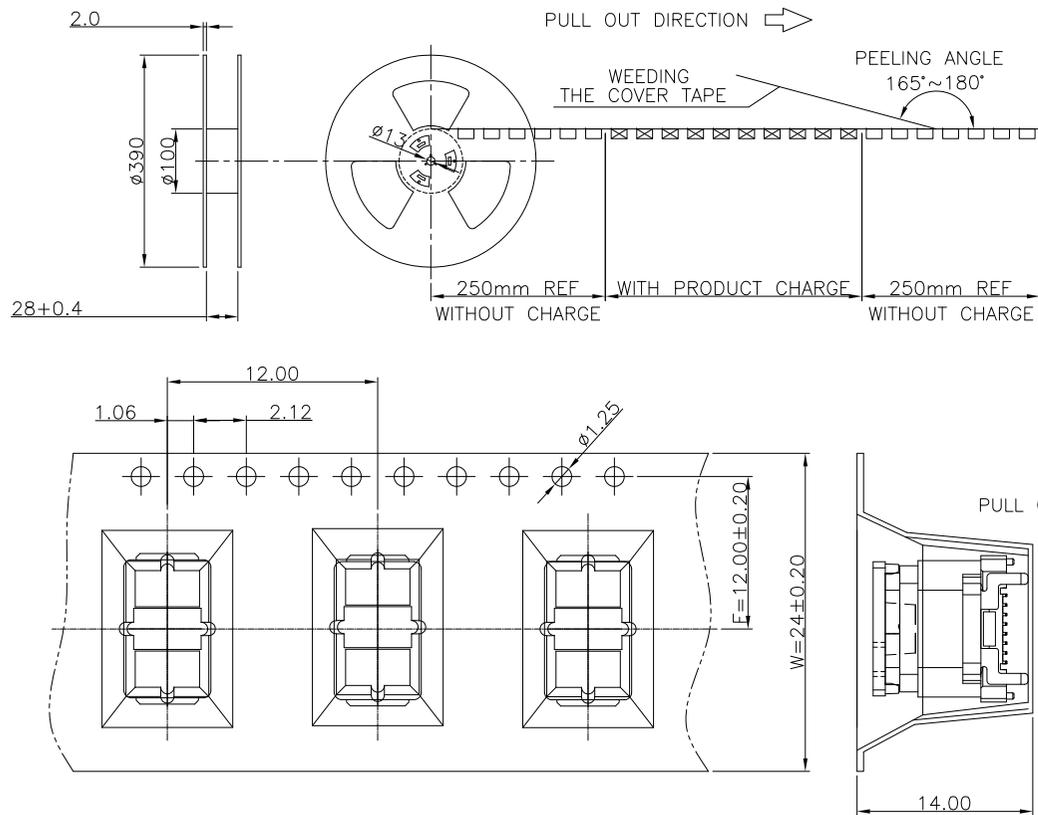
TOLERANCE UNSPECIFIED ±0.05mm

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use(SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2022. 10. 7		LINEAR	ANGLES	APPROVED	GSQ	2022. 10. 7	UCB56-24BB02ANL-R	ENDE05				
			UNIT: MM	0.00±0.20	X.X° ±3°	DESIGNER	-	-	TITLE					
			SIZE: A4	0.000±0.10	X.XX° ±2°	DRAWN	SKY	2022. 10. 7	USB TYPE CF 24PIN VERTICAL H=8.5mm Waferproof IPX8		REV	A0	SHEET	2/3

RoHS2.0



1. MATERIALS:  
 CARTON: FIBERBOARD, CORRUGATED, DOUBLE WALLED.  
 TAPE: POLYSTYRENE, HEAT-RESISTANT TEMPERATURE: 120°C, WHITE.  
 DRUM: POLYSTYRENE, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE.  
 PACKAGING: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100 °C. 1L
2. PEEL STRENGTH: 0.1-1.3N (10130G)
3. PEELING SPEED: 300MM/MIN.
4. EACH BAG SHOULD INCLUDE DESICCANT \* 2.
5. LABELING OF NUMBERED MATERIALS AND ROHS LABELS ON THE OUTER BOX
6. THE SAME PRODUCT CAN ONLY BE PACKED IN THE SAME CARDBOARD BOX, AND OTHER PRODUCTS ARE NOT ALLOWED;

NOTE:  
 1. QUANTITY: 300 PCS/REEL, 3300PCS/CARTON.

PCS/REEL	PCS/CARTON
300	3300

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.									
A0	NEW RELEASE	2022. 10. 7		LINEAR	ANGLES	1:1									APPROVED	GSQ	2022. 10. 7	UCB56-24BB02ANL-R	ENDE05
				0.0±0.30	X.X° ±3°										DESIGNER	-	-	TITLE	
				0.00±0.20	X.XX° ±2°										DRAWN	SKY	2022. 10. 7	USB TYPE CF 24PIN VERTICAL H=8.5mm Waferproof IPX8 (Packgaing drawings)	
			UNIT: MM								REV	A0	SHEET	3/3					
			SIZE: A4	0.000±0.10															