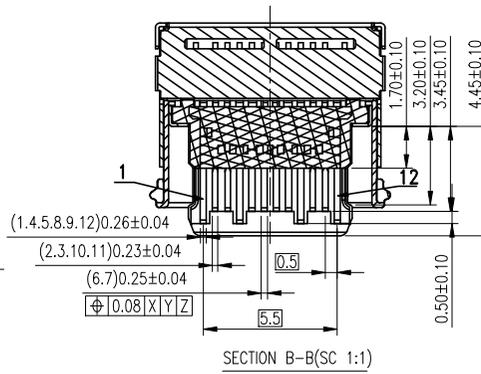
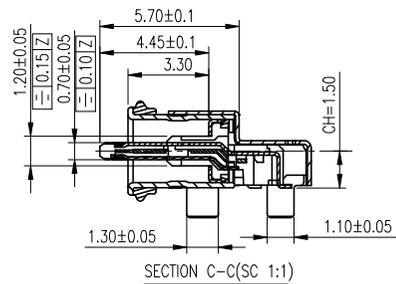
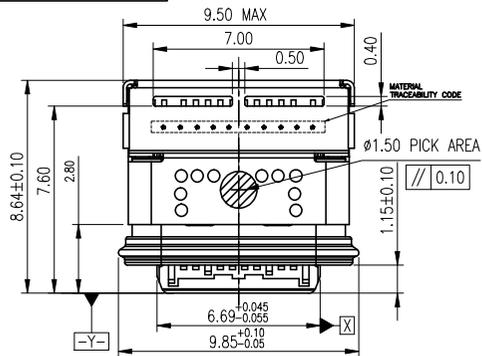
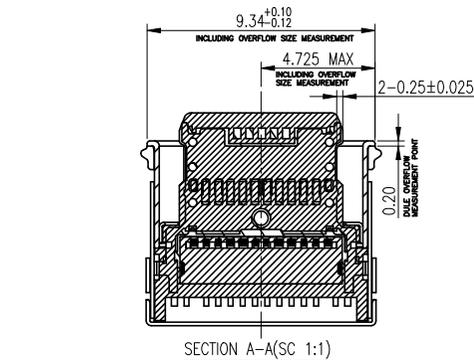
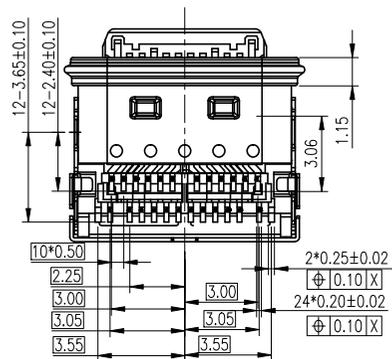
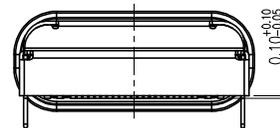
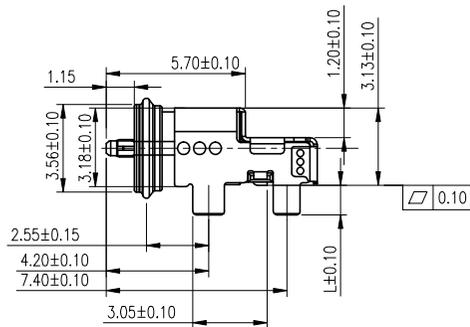
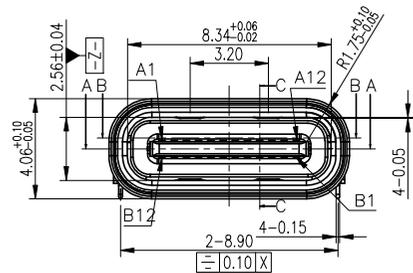


RoHS2.0+HF



- 1.ELECTRICAL CHARACTERISTICS;
 1.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 1.2 CONTACT CURRENT RATING: 6A FOR COLLECTIVELY POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.
 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 1.4 INSULATION RESISTANCE 100MΩ Min
 1.5 OPERATING TEMPERATURE: -40°C ~ 85°C
 2 MECHANICAL CHARACTERISTICS:
 2.1 MATING FORCE: 5~20 N.
 2.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
 2.3 DURABILITY: 10,000 CYCLES
 3.P/N:



UCB14-24BBO X A N L-HX
 PIN NUMBER: 24PIN
 CONTACT: 5: 15u" CONTACT AREA
 7: 30u" CONTACT AREA
 H:HF, IRON SHELL FOOT LENGTH 0.5mm A2
 H1:HF, IRON SHELL FOOT LENGTH 1.2mm A2
 PACK: L:TAPE REEL
 COLOR: A:Black

IRON SHELL FOOT LENGTH	L
UCB14-24BBOXANL-H	0.5mm
UCB14-24BBOXANL-H1	1.2mm

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 5. 19		LINEAR	1:1	SKY	2024. 1. 26	UCB14-24BBOXANL-HX	ENDE05				
A1	Change Frame	2023. 7. 3		ANGLES	APPROVED	GSQ	2024. 1. 26						
A2	INCREASE FOOT LENGTH SPECIFICATION BY 1.2mm	2024. 1. 26	UNIT: MM	0.0±0.20	X.X° ±3°	DESIGNER	GSQ	TITLE	TYPE C/F 24PIN R/A SMT WATERPROOF GRADE IPX8 IRON SHELL FOOT LENGTH 1.2				
			SIZE: A4	0.00±0.10	X.XX° ±2°	DRAWN	GSQ			2021. 5. 13	REV	A2	SHEET

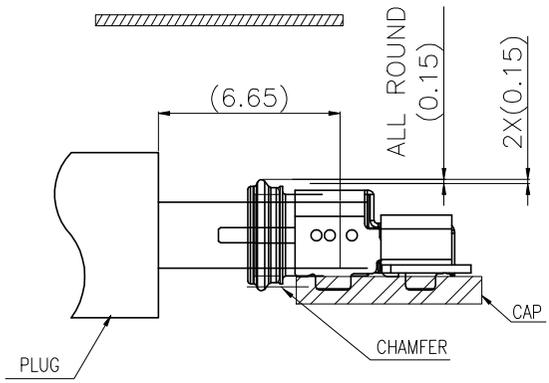
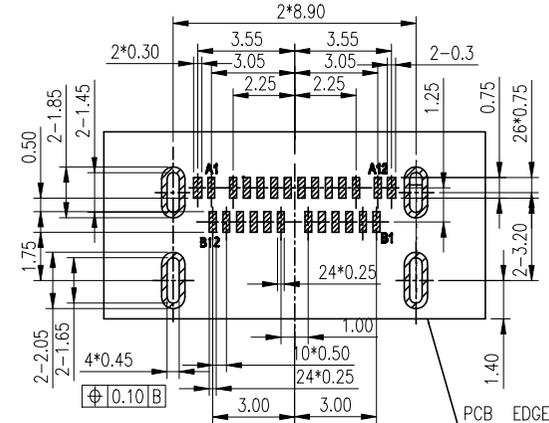
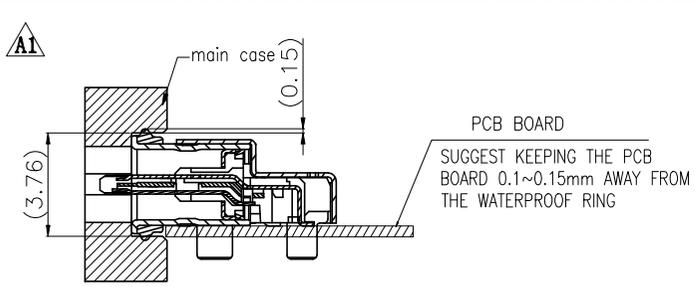
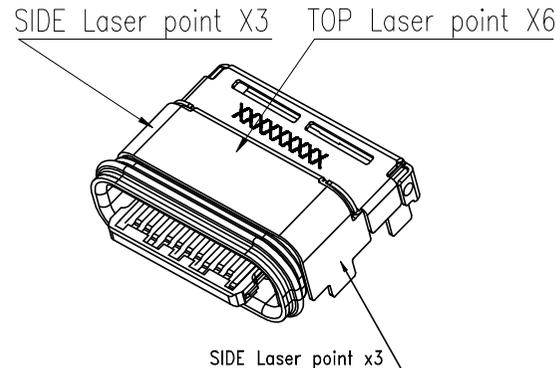
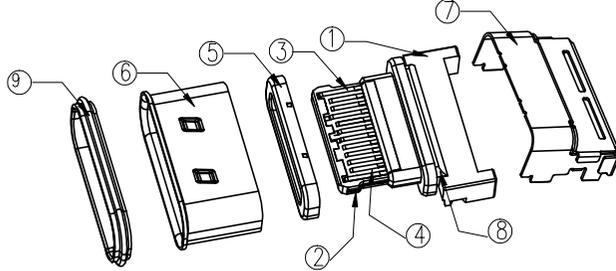
RoHS2.0+HF

Front&Back Laser point 2X5



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
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Negative half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRXm1	Positive half of first SuperSpeed RX differential pair
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	Dm2	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
A10	SSRXm2	Negative half of second SuperSpeed RX differential pair	B3	SSTxm2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

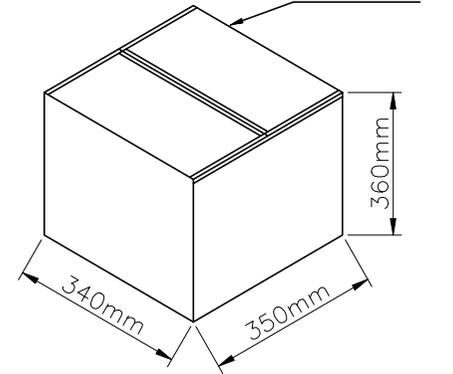
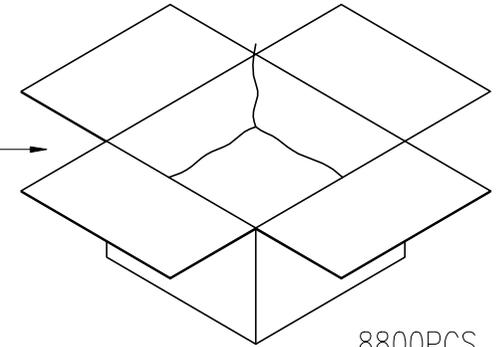
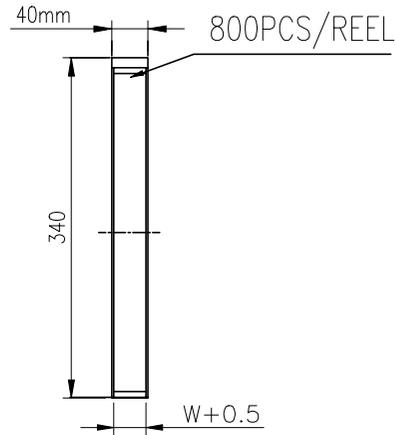
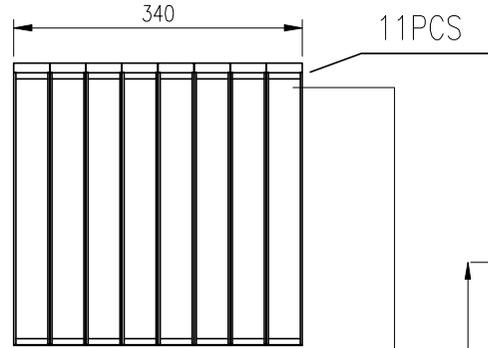
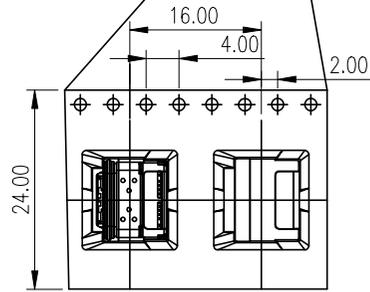
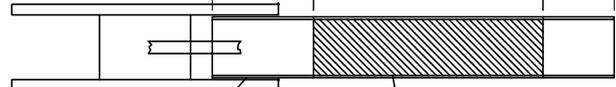


9	SEALING RING	1PCS	SILICONE, ACCORDING TO CUSTOMER NEEDS
8	GLUE	1PCS	EPOXY BLACK
7	SHELL	1PCS	STAINLESS STEEL, NICKEL PLATING 50u" MIN.
6	INRETNALLY STRETCHED SHELL	1PCS	STAINLESS STEEL,
5	EMI STRETCH SHELL	1PCS	STAINLESS STEEL, NICKEL PLATING 50u" MIN.
4	UPPER ROW TERMINAL	1SET	COPPER ALLOY, NICKEL PLATING 50-100u", Contact Area: Au see P/N, Solder Area: Gold flash
3	BOTTOM TERMINAL	1SET	
2	MID PLATE	1PCS	STAINLESS STEEL, NICKEL PLATING 50u" MIN.
1	MAIN HOUSING	1PCS	PA46 BLACK
ITEM	DESCRIPTION	Q' TY	MATERIAL

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 5. 19	LINEAR	ANGLES	1:1	SKY	2024. 1. 26	UCB14-24BBOXANL-HX	ENDE05				
A1	Change Frame	2023. 7. 3	0. ±0.30	X° ±6°	APPROVED	GSQ	2024. 1. 26						
A2	INCREASE FOOT LENGTH SPECIFUCATION BY 1.2mm	2024. 1. 26	0.0±0.20	X.X° ±3°	DESIGNER	GSQ	2021. 5. 13	REV	A2	SHEET	2/3		

RoHS2.0+HF

20 PCS Empty 800 PCS PRODUCTS 20 PCS Empty



customer unwinding direction

800PCS/REEL

PACK DIRECTION

VACUUM PACKAGING+DESICCANT PER PLATE

	REEL	CARTON
CONNECTOR (PCS)	800	8800

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO. UCB14-24BBOXANL-HX	DWG NO. ENDE05				
A0	NEW RELEASE	2021. 5. 19		LINEAR	ANGLES	1:1	SKY	2024. 1. 26						
A1	Change Frame	2023. 1. 18		0. ±0.30	X° ±6°	APPROVED	GSQ	2024. 1. 26	TITLE TYPE C/F 24PIN R/A SMT WATERPROOF GRADE IPX8 IRON SHELL FOOT LENGTH 1.2 (PACKAGING DRAWINGS)	REV	A2	SHEET	3/3	
A2	INCREASE FOOT LENGTH SPECIFICATION BY 1.2mm	2024. 1. 26	SIZE: A4	0.00±0.10	X.XX° ±2°	DESIGNER	GSQ	2021. 5. 13						

1 2 3 4 5 6 7 8