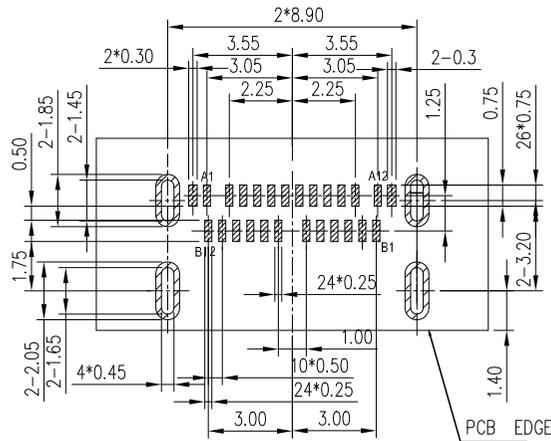
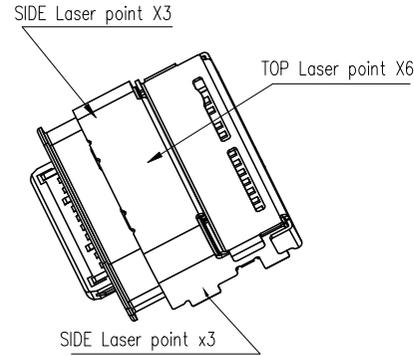
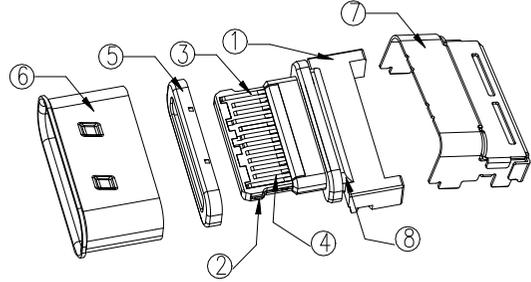
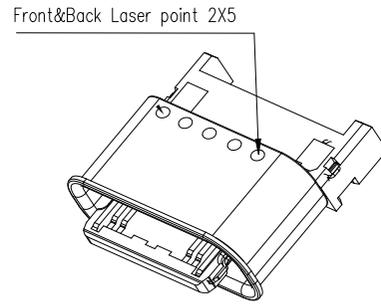


HF



RECOMMENDED PCB LAYOUT
(Tolerance=±0.05)



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	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative 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	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
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	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

8	Glue Water	1PCS	Glue, BLACK(MicroCoat 423-06)	
7	Out Shell	1PCS	SUS304 ,T=0.15.Nickel plating 120U"-200U" ; Four pin centen of measuring point,Nickel plating 60U"-120U" ;	
6	Inner Shell	1PCS	SUS304 ,T=0.20.Nickel plating 60U"-120U" .	
5	EMI Shell	1PCS	SUS304 ,T=0.12.Nickel plating 50U"-100U" .	
4	Top Terminal	1SET	C7025,T=0.12	
3	Bottom Terminal	1SET	Underplate: 80U"-220U" Ni plated all over	
2	Mid-Plate	1PCS	SUS301-1/4 H, Nickel plating 50u" MIN.	
1	Housing	1PCS	PA46 (HF315) BLACK	
NO	PART NAME	QTY	MATERIAL/DESCRIPTION	REMARK

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.								
A0	NEW RELEASE	2021.9.21	LINEAR		1:1	SKY	2023.1.3	UCB1M-24BBOXANL-H	ENDE05								
A1	Non waterproof specification	2021.9.26	ANGLES		APPROVED	GSQ	2023.1.3										
A2	Electroplated film thickness and measuring points	2023.1.3	0.0±0.30	X.X° ±3°	DESIGNER	GSQ	2021.9.21	TYPE C/F 24PIN SMT (CH=1.5mm)									
			UNIT: MM	0.00±0.20	X.XX° ±2°	DRAWN	GSQ										

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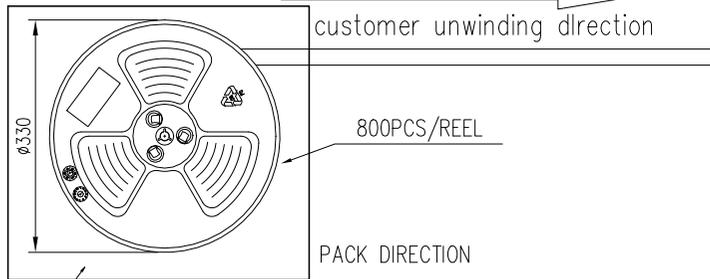
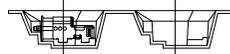
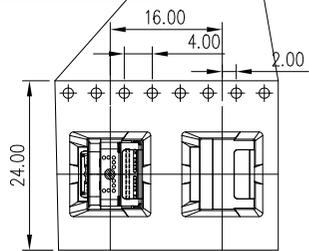
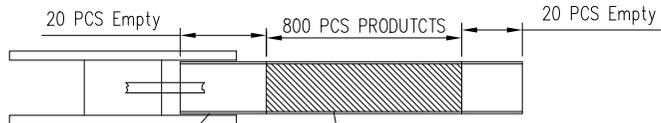
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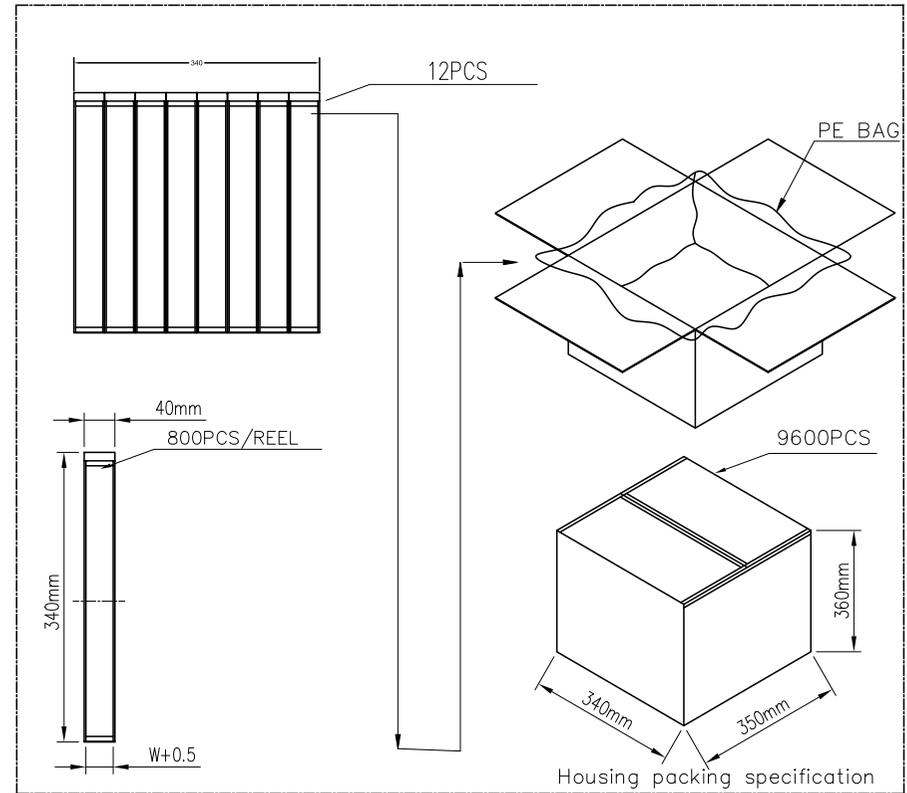
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Vacuum packaging
+desiccant perplate



	REEL	CARTON
CONNECTOR (PCS)	800	9600

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	 JCTC ® TERMINAL&CONNECTORS			
A0	NEW RELEASE	2021.9.21		LINEAR	ANGLES	1:1								
A1	Non waterproof specification	2021.9.26	UNIT: MM	0.0±0.30	X.X° ±3°	DESIGNER	GSQ	2023.1.3	TITLE		TYPE C/F 24PIN SMT (CH=1.5mm)			
A2	Non waterproof specification	2023.1.3		0.00±0.20	X.XX° ±2°	DRAWN	GSQ	2021.9.21						
			SIZE: A2	0.000±0.10							REV	A2	SHEET	3/3