

RoHS2.0

NOTES:1.MATERIAL:

MOLDING: LCP UL94 V-0
 CONTACT: COPPER ALLOY.
 GOLD PLATED Min ON CONTACT AREA,100u"
 Min TIN (LEAD FREE) ON SOLDER AREA,
 SHELL: SUS304R-1/2H,T=0.30±0.03mm
 50u" NICKEL PLATING OVER ALL.
 SHIELD: SUS304R-1/2H,T=0.12±0.03mm
 MID-PLATE: SUS301R-H,T=0.15mm

2.MECHANICAL:

INSERTION: 5~20N.
 EXTRACTION: 8~20N.
 DURABILITY: 10000 CYCLES

3.ELECTRICAL:

CURRENT: 5A MIN FOR VBUS;
 0.25A MIN FOR OTHER.

VOLTAGE: 20 V MAX
 WITHSTANDING VOLTAGE: 100V AC.
 CONTACT RESISTANCE: 40mΩ MAX.
 INSULATION RESISTANCE: 100MΩ MIN.

4.ENVIRONMENTAL

TEMPERATURE RANGE -55°C ~ +85°C

UCB11-24BM028 X X X -R

Plating:

A: G/F Plated on Contact Area
 B: 3u" Plated on Contact Area
 D: 10u" Plated on Contact Area
 E: 15u" Plated on Contact Area
 G: 30u" Plated on Contact Area

Colour:

A: black H: violet G: blue

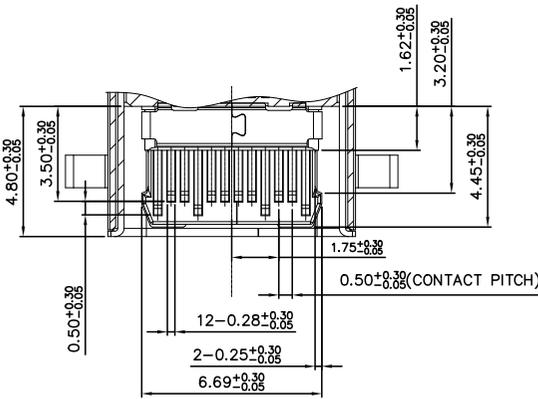
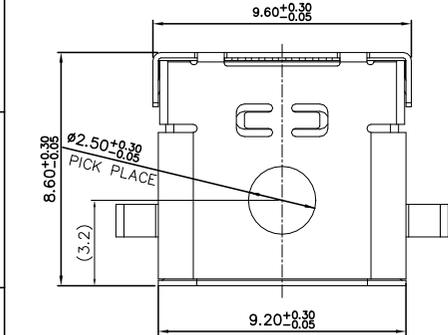
Packing:

L: Tape Reel B: Tray P: Bag

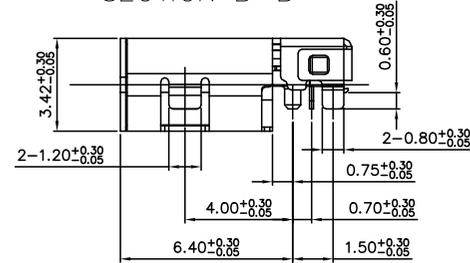
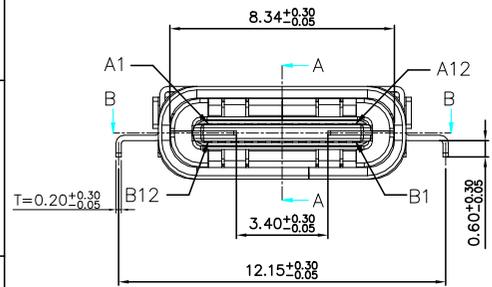
The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

A
B
C
D
E
F
G
H

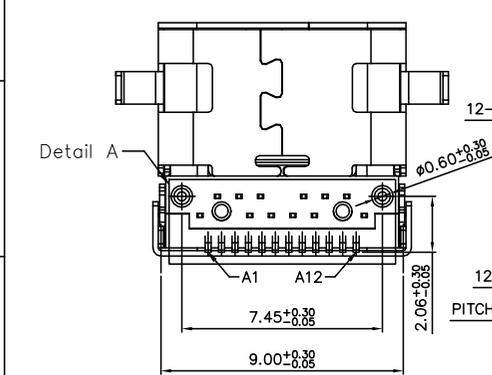
A
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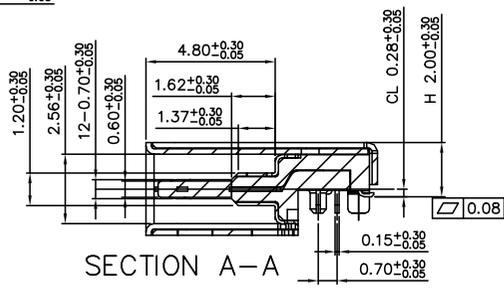
SECTION B-B



SECTION A-A

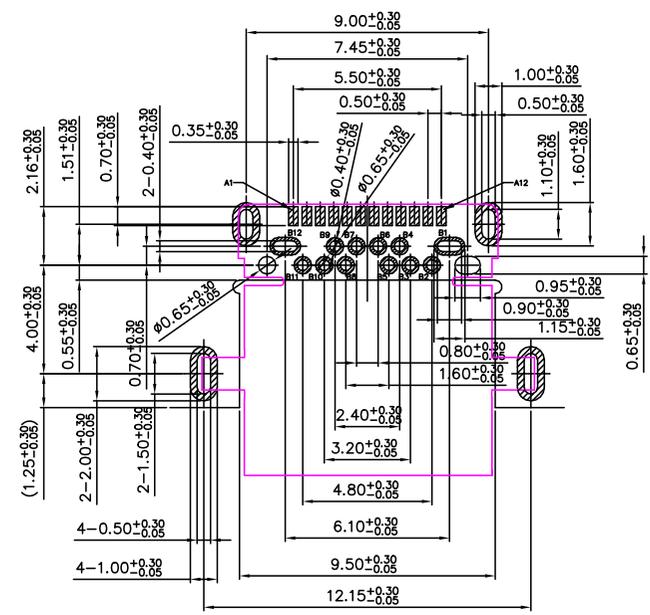
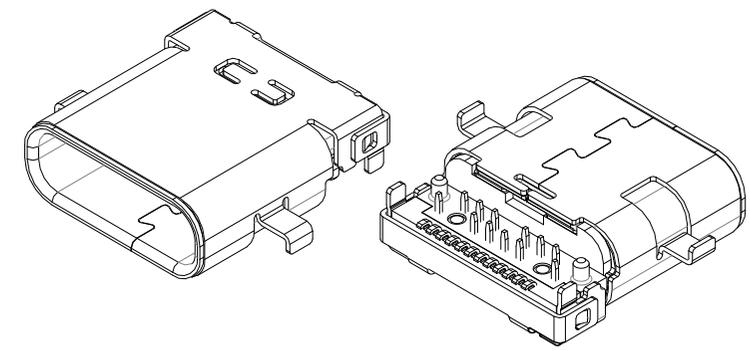


Detail A



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2019.09.26	LINEAR	ANGLES	1:1	SKY	2019.09.26	UCB11-24BM028AAL-R	ENDE05				
			0.0±0.35	X° REF±2°	APPROVED	—	—	TITLE					
			0.00±0.25	X.X° ±1°	DESIGNER	—	—	USB 3.1 C TYPE FEMALE SINK CONNECTOR CLO.28 H2.00mm DIP TYPE					
			UNIT: MM		DRAWN	YYG	2019.09.26			REV	A0	SHEET	1/4

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

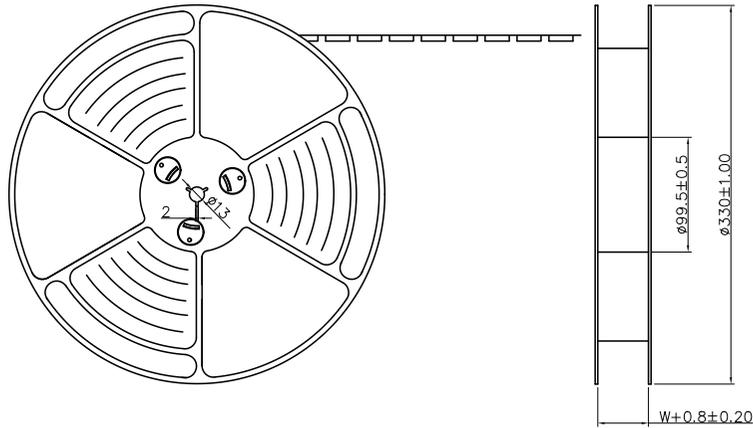
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

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	Configuraation 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

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2019.09.26	LINER	ANGLES	1:1	SKY	2019.09.26	UCB11-24BM028AAL-R	ENDE05				
			0.0 ± 0.35	X° REF ± 2°	APPROVED	—	—	TITLE					
			UNIT: MM	0.00 ± 0.25	X, X° ± 1°	DESIGNER		USB 3.1 C TYPE FEMALE SINK CONNECTOR					
			SIZE: A4	0.000 ± 0.15	X.XX° ± 0.5°	DRAWN	YYG	2019.09.26	CLO. 28 H2.00mm DIP TYPE	REV	A0	SHEET	2/4

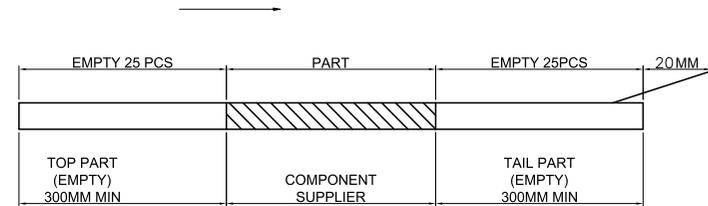
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PULL OUT DIRECTEDN

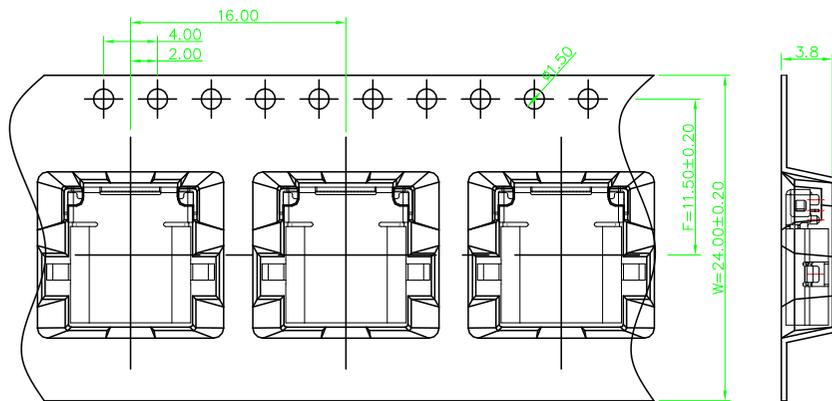


NOTES

1. PULL OUT DIRECTEON



2. THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.								
A0	NEW RELEASE	2019.09.26		LINEAR	ANGLES	1:1									APPROVED	SKY	2019.09.26	UCB11-24BM028AAL-R
			UNIT: MM	0.00 ± 0.25	X.X° ± 1°	DESIGNER	—	—	TITLE USB 3.1 C TYPE FEMALE SINK CONNECTOR CLO.28 H2.00mm DIP TYPE(Packing drawing)						REV	A0	SHEET	3/4
			SIZE: A4	0.000 ± 0.15	X.XX° ± 0.5°	DRAWN	YYG	2019.09.26										

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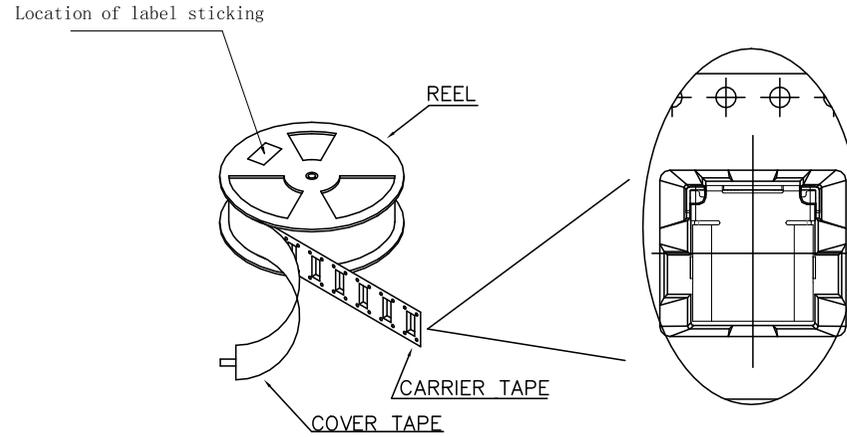
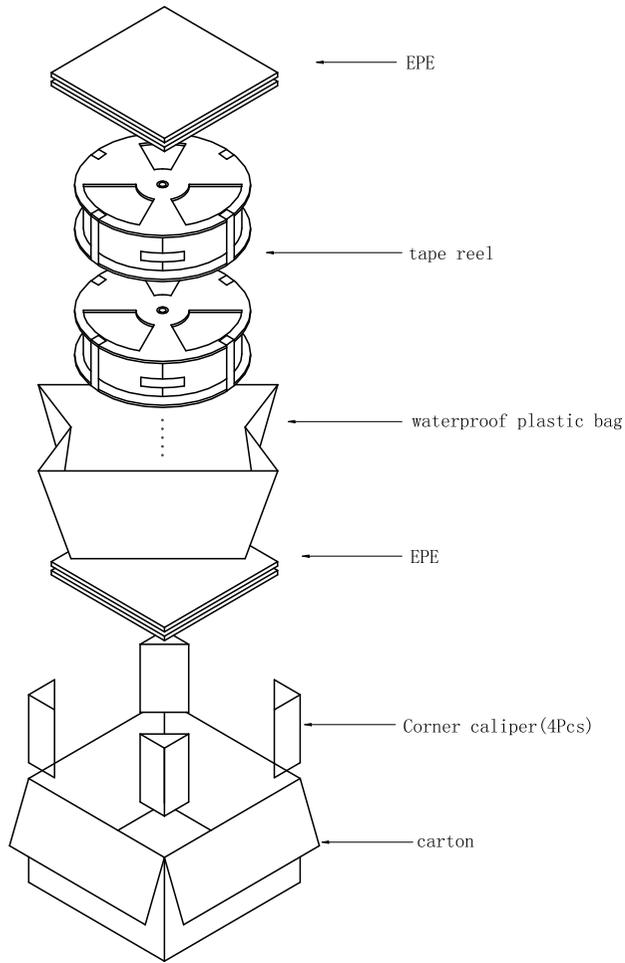
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NOTE:

1. Packing q'ty of each reel & carton as below table 1 shown.
2. Use cover tape to cover and hot melt machine to seal up.
3. Every carton use 2pcs EPE.
4. Put reels in the carton and use adhesive tape to seal up.

PCS/REEL	PCS/CARTON
1000 PCS	8000 PCS

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			0.0±0.35	X° REF±2°	APPROVED	—	—	TITLE						
			UNIT: MM	0.00±0.25	X.X° ±1°	DESIGNER	—	—	USB 3.1 C TYPE FEMALE SINK CONNECTOR					
			SIZE: A4	0.000±0.15	X.XX° ±0.5°	DRAWN	YYG	2019.09.26	CLO.28 H2.00mm DIP TYPE(Packing drawing)		REV	A0	SHEET	4/4

1

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