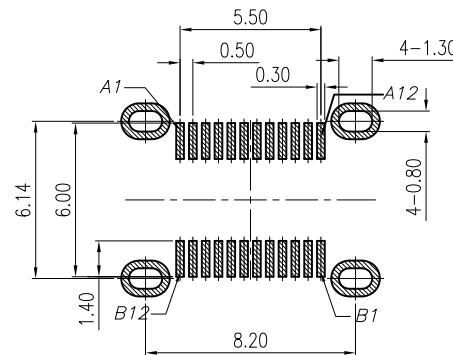
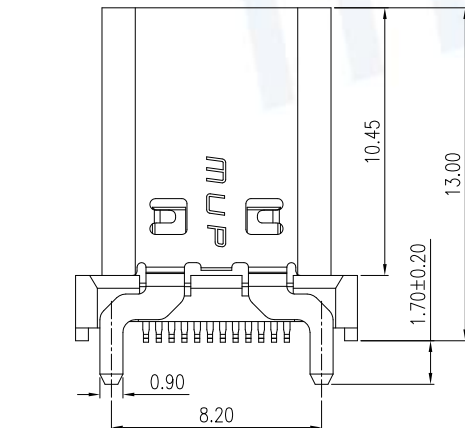
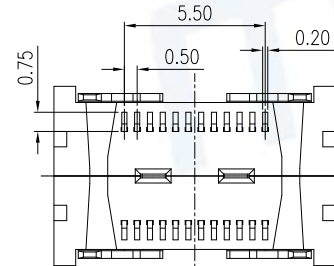
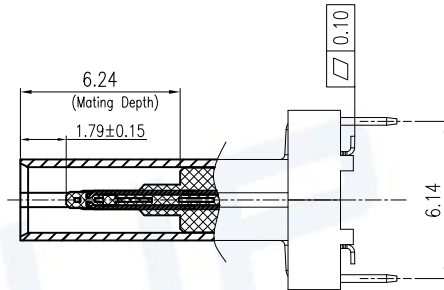
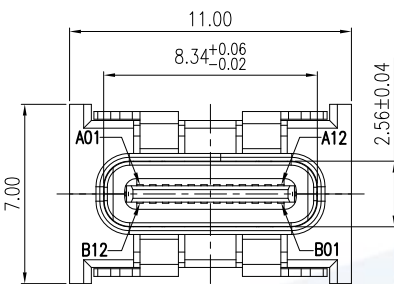




RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

CAP ASSEMBLY
SCALE 1:2

REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2021/12/16
2	Change product model No.	lucky	lucky	Roy	2023/10/25

NOTE:

1. MECHANICAL:

1-1 Insertion force: 5-20N

1-2 Extraction force: 1-500CYCLES 8-20N

Extraction force: 501-1000CYCLES 6-20N

1-3.FREQUENCE:500±50 CYCLES/HOUR,10000 CYCLES;

2. ELECTRICAL CHARACTERISTICS:

2-1. CURRENT RATING:

VBUS Pins (A4,A9,B4,B9): 5A Max;

1.25 Amps MAX. for Vconn (B5) with return path through the corresponding GND pins(Pin A1, A12, B1, B12).

Other All Pins 0.25A/Pin

2-2. INITIAL CONTACT RESISTANCE:40mΩ Max.

2-3. INSULATION RESISTANCE:100MΩ MIN

2-4. WITHSTANDING VOLTAGE:100V AC,1 MINUTE;

3. ENVIRONMENTAL

TEMPERATURE RANGE: -40°C TO +85°C.

4. Product compliant to RoHS and HF.

5. Recommended thickness of steel mesh T=0.12mm.

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

Model No.	Contact plating
MUP-U23004-03	Au:1u"
MUP-U23004-07	Au:15u"

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	Molding	1	THERMOPLASTIC	Black, UL94V-0
2	CONTACT	24	HIGH CONDUCTIVITY COPPER	Contact area:Gold plated over Ni.
3	SHELL	1	STAINLESS STEEL	Ni plated over all
4	MID-PLATE	1	STAINLESS STEEL	RINSE
5	CAP	1	THERMOPLASTIC	Black, UL94V-0

Unless otherwise specified, other tolerance are:

MUP MUP INDUSTRIAL CO.,LTD.

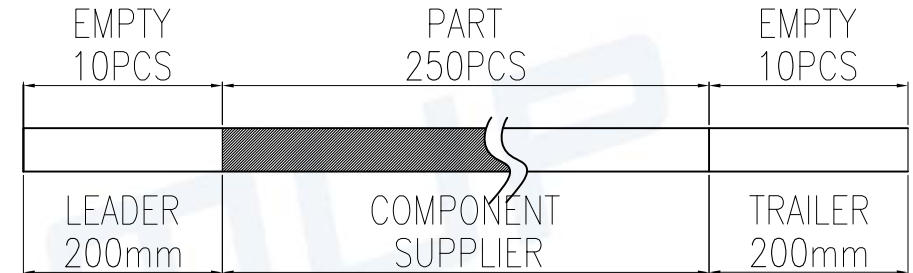
X ±0.40			X* ±5°			NAME: USB Type C Vertical Mount Receptacle							
X.X ±0.30			X.X* ±4°			MODEL NO: MUP-U23004-XX							
X.XX ±0.20			X.XX* ±3°			TYPE : 24Pin & USB 3.1 Without GND-PLATE 13H							
X.XXX ±0.10			X.XXX* ±2°										
PROJ. 		UNIT mm		SCALE 1:1		DRAW		Roy 2021/12/16		DWG NO.:			
CUSTOMER DRAWING						CHECKED		lucky 2021/12/16		DWG-U23004-XX-01			
						APPROVAL		lucky 2021/12/16		SHEET 1/2		REVISION 2	



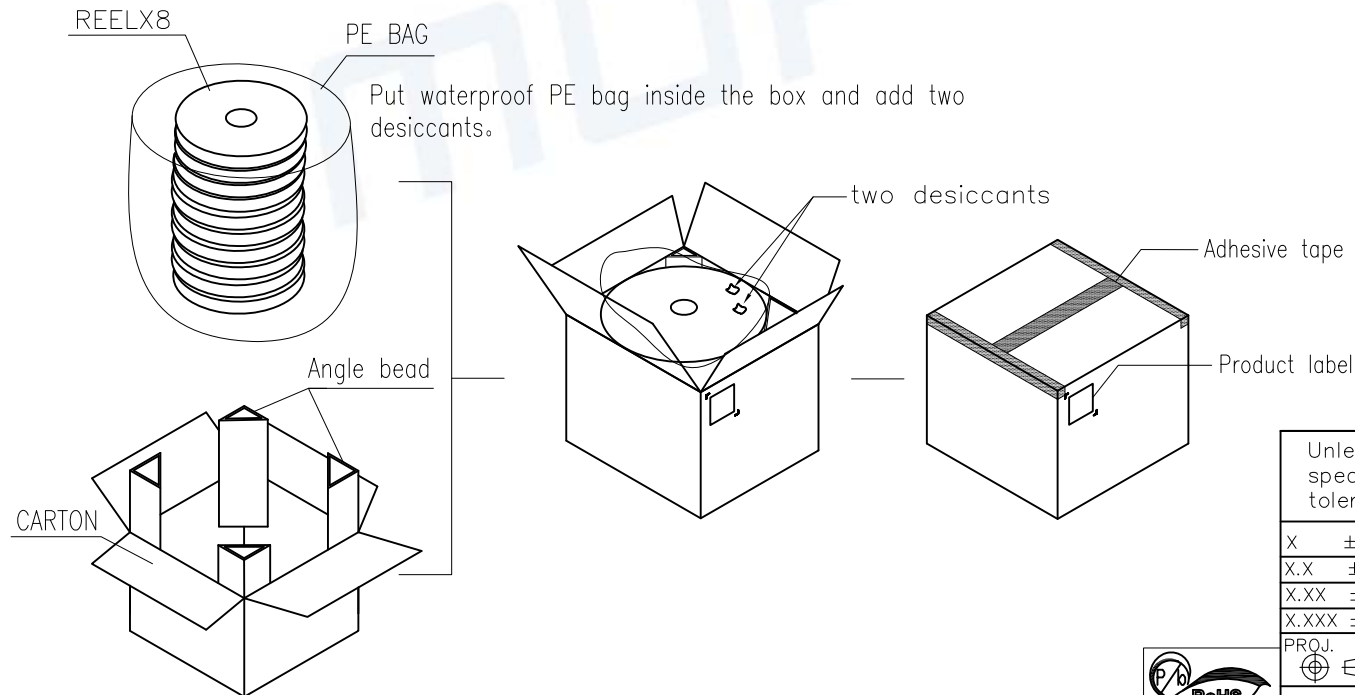
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	Original reversion	lucky	lucky	Roy	2021/12/16
△	Change product model No.	lucky	lucky	Roy	2023/10/25

NOTES

1. NUMBER OF CONNECTORS:250PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY:2000/CARTON
- 4.Meas:390Lx390Wx310H mm



Unless otherwise specified, other tolerance are:			MUP[®] MUP INDUSTRIAL CO.,LTD.			
X	±0.40	X*	±5°	NAME: USB Type C Vertical Mount Receptacle		
X.X	±0.30	X.X*	±4°	MODEL NO: MUP-U23004-XX		
X.XX	±0.20	X.XX*	±3°	TYPE : 24Pin & USB 3.1 Without GND-PLATE 13H		
X.XXX	±0.10	X.XXX*	±2°			
PROJ.	UNIT	SCALE	DRAW	Roy	2021/12/16	DWG NO.:
mm	1:1		CHECKED	lucky	2021/12/16	DWG-U23004-XX-01
CUSTOMER DRAWING			APPROVAL	lucky	2021/12/16	SHEET
						2/2
						REVISION
						2