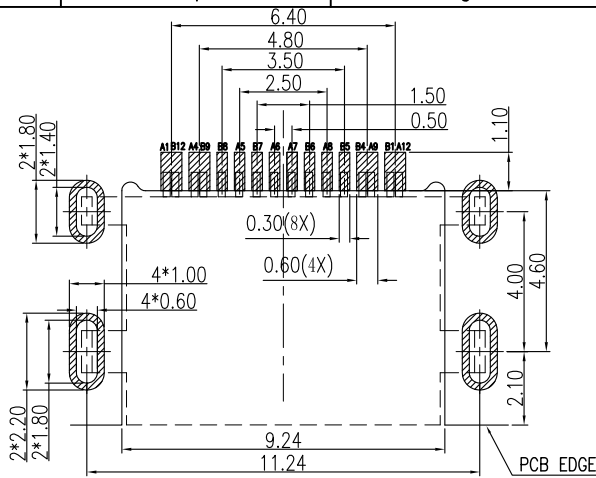
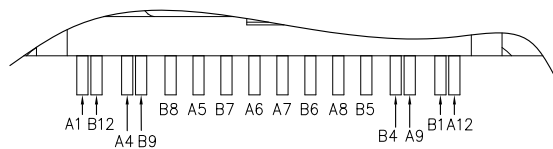
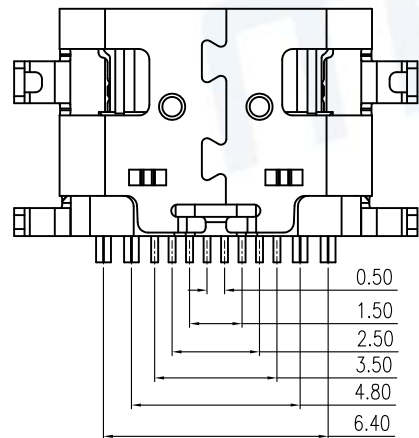
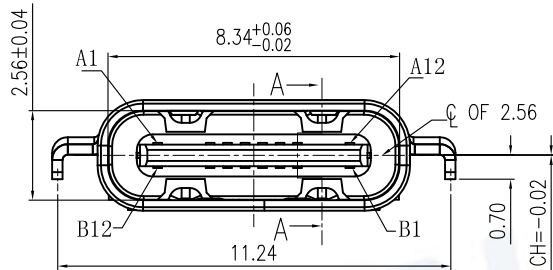
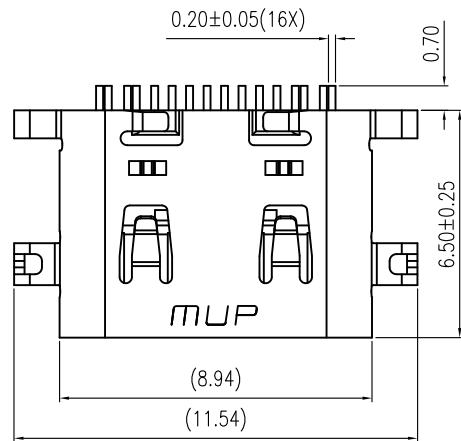
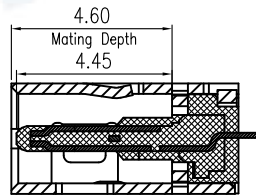
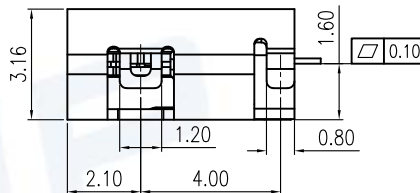




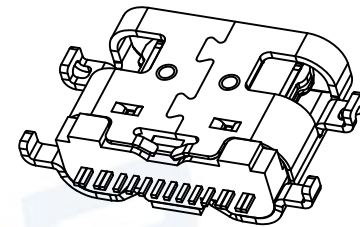
RECOMMENDED PCB LAYOUT (T=0.80)
TOLERANCES UNLESS OTHERWISE SPEC. ±0.05



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2018/11/10
2	Change product model No.	lucky	lucky	Roy	2023/10/25



NOTE:

- MECHANICAL:
1-1 Insertion force: 5~20N
1-2 Extraction force: 8~20N
Extraction force: 10000 CYCLES 6~20N
1-3.FREQUENCE:500±50 CYCLES/HOUR,10000 CYCLES;
2. ELECTRICAL CHARACTERISTICS:
2-1. CURRENT RATING:
VBUS Pins (A4,A9,B4,B9): 5.0A,
GND/(A1,A12,B1,B12)Vconn(B5) : 1.25A
Other All Pins 0.25A
2-2. INITIAL CONTACT RESISTANCE:40mΩ Max.
2-3. INSULATION RESISTANCE:100MΩ MIN
2-4. WITHSTANDING VOLTAGE:100V AC,1 MINUTE;
3. ENVIRONMENTAL
TEMPERATRUE RANGE: -40°C TO +85°C.

Model No.	Contact plating	Material
MUP-U22401-01	Au: 3u"	LCP
MUP-U22401-21	Au: 15u"	NYLON
MUP-U22401-22	Au: 30u"	NYLON
MUP-U22401-23	Au: 3u"	NYLON

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	Molding	1	THERMOPLASTIC	Black, UL94V-0
2	CONTACT	16	HIGH CONDUCTIVITY COPPER	Contact area:Gold plated over Ni.
3	SHELL	1	STAINLESS STEEL	Ni plated over all
4	MID-PLATE	1	STAINLESS STEEL	Cleaning

Unless otherwise specified, other tolerance are:

X	±0.40	X'	±5°
X.X	±0.30	X.X'	±4°
X.XX	±0.20	X.XX'	±3°
X.XXX	±0.10	X.XXX'	±2°

PROJ.	UNIT	SCALE
mm	mm	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: USB Type C Mid-mount SINGLE-Row SMT Receptacle

MODEL NO: MUP-U22401-XX

TYPE : 16Pin & Mid-mount SINGLE SMT CH-0.02

DRAW	Roy	2018/11/10
CHECKED	lucky	2018/11/10
APPROVAL	lucky	2018/11/10

DWG NO.:	DWG-U22401-XX-01
SHEET	1/2
REVISION	2

REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	Original reversion	lucky	lucky	Roy	2018/11/10
△	Change product model No.	lucky	lucky	Roy	2023/10/25

NOTES

1. NUMBER OF CONNECTORS:1400PCS/REEL
2. LEAD TAPE LENGTH

EMPTY 16PCS	PART 1400PCS	EMPTY 16PCS
LEADER 192mm	COMPONENT SUPPLIER	TRAILER 192mm

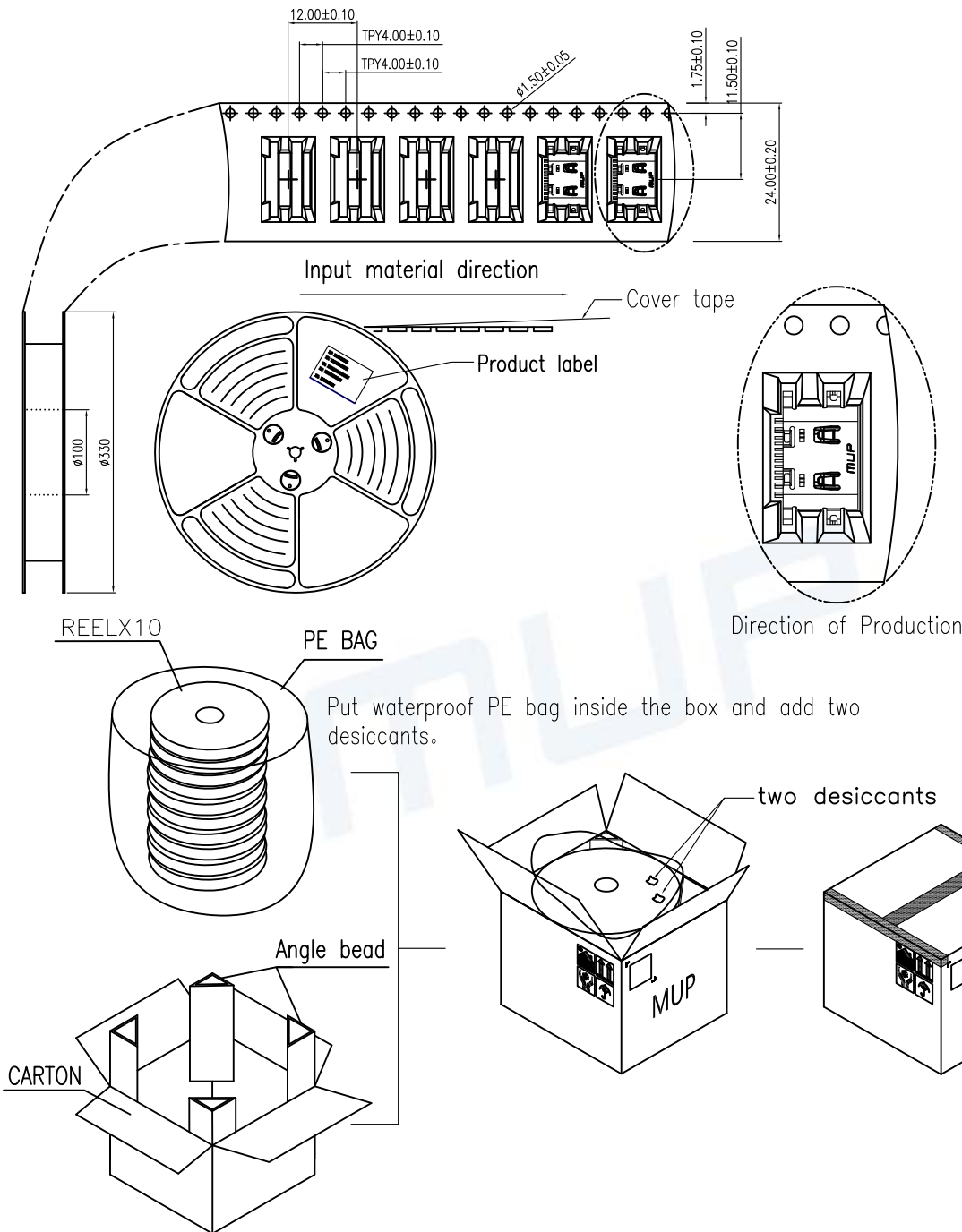
3. QUANTITY:14000/CARTON

4. WEIGHT :

4.1 NET WEIGHT : 5.59 Kg

4.2 GROSS WEIGHT : 10.6 Kg

5.Meas:350Lx350Wx315H mm



Unless otherwise specified, other tolerance are:			MUP[®] MUP INDUSTRIAL CO.,LTD.		
X	±0.40	X'	±5°	NAME : USB Type C Mid-mount SINGLE-Row SMT Receptacle	
X.X	±0.30	X.X'	±4°	MODEL NO: MUP-U22401-XX	
X.XX	±0.20	X.XX'	±3°	TYPE : 16Pin & Mid-mount SINGLE SMT CH-0.02	
X.XXX	±0.10	X.XXX'	±2°		
PROJ.	UNIT	SCALE	DRAW	Roy	2018/11/10
①	mm	1:1	CHECKED	lucky	2018/11/10
CUSTOMER DRAWING			APPROVAL	lucky	2018/11/10
			DWG NO.: DWG-U22401-XX-01		
			SHEET 2/2		REVISION 2