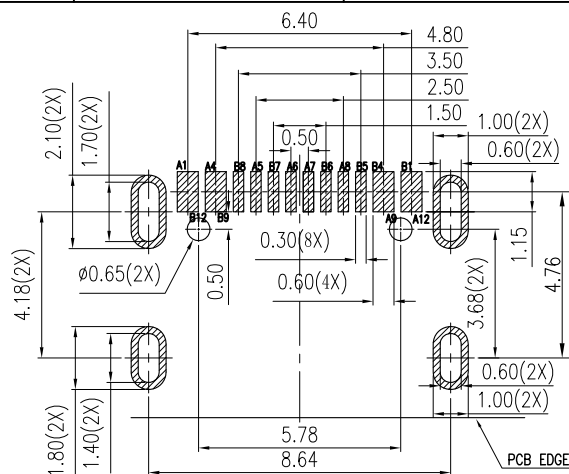
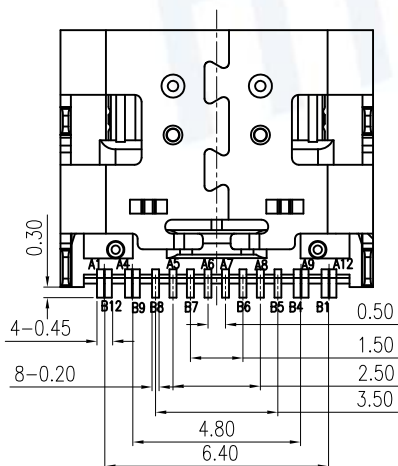
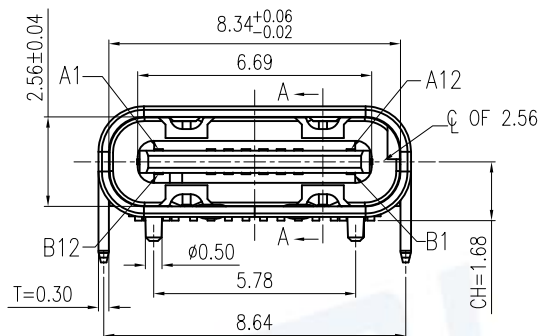
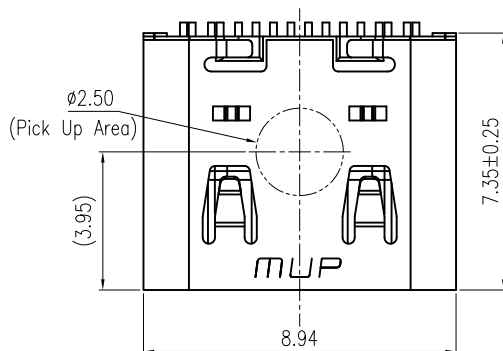
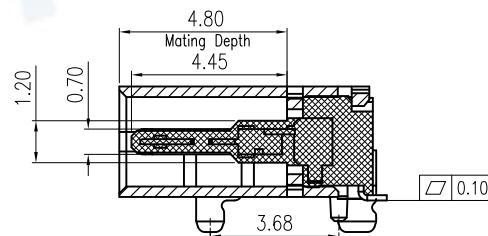
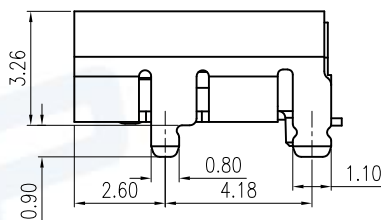


Ø2.50
(Pick Up Area)



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

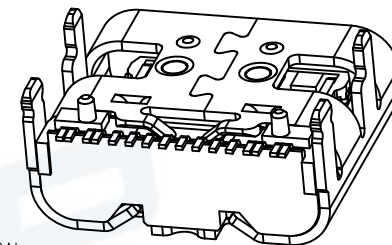


SECTION:A-A

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
△	Original reversion	lucky	lucky	Roy	2025/03/25



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;
- ELECTRICAL CHARACTERISTICS:
 - 2-1. CURRENT RATING:
VBUS Pins (A4,A9,B4,B9): 5A Max;
1.25 Amps MAX. for Vconn (B5 of plug) 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;
- ENVIRONMENTAL
TEMPERATURE RANGE: -40°C TO +85°C.
- Recommended thickness of steel mesh T=0.12mm.

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	Molding	1	NYLON	Black, UL94V-0
2	CONTACT	16	HIGH CONDUCTIVITY COPPER	Contact area: Au 3u"
3	SHELL	1	STAINLESS STEEL	Ni plated over all
4	MID-PLATE	1	STAINLESS STEEL	RINSE

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	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **USB Type C SINGLE-Row SMT Receptacle**

MODEL NO: **MUP-U20401-20**

TYPE : **16Pin & With Post on board L=7.35**

DRAW	Roy	2025/03/25
CHECKED	lucky	2025/03/25
APPROVAL	lucky	2025/03/25

DWG NO.:	DWG-U20401-20-01
SHEET	1/2
REVISION	1

REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
△	Add product model	lucky	lucky	Roy	2025/03/25

NOTES

1. NUMBER OF CONNECTORS:900PCS/REEL
2. LEAD TAPE LENGTH

EMPTY 15PCS	PART 900PCS	EMPTY 15PCS
LEADER 240mm	COMPONENT SUPPLIER	TRAILER 240mm

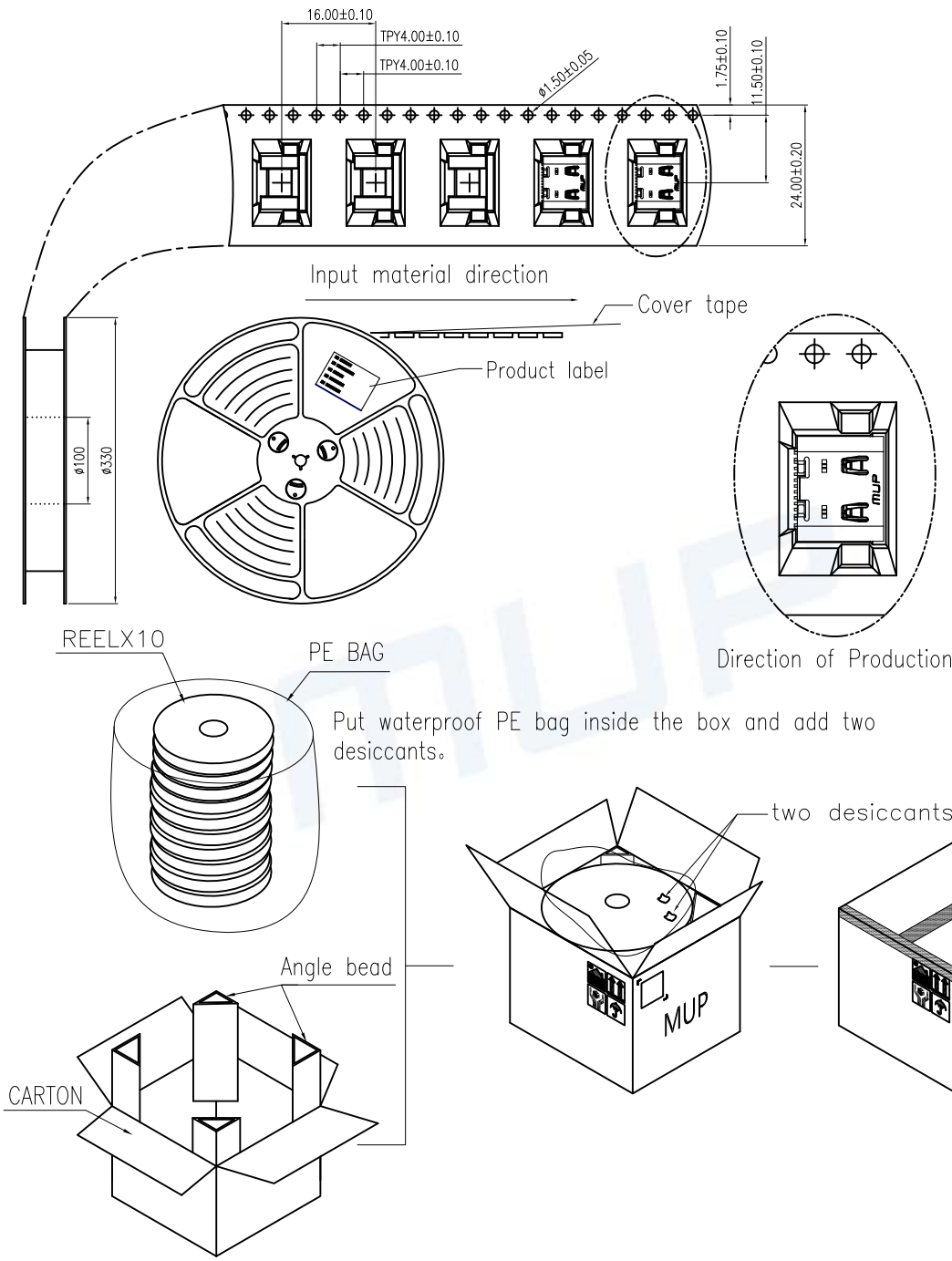
3. QUANTITY:9000/CARTON

4. WEIGHT :

4.1 NET WEIGHT : 4.1 Kg

4.2 GROSS WEIGHT : 9.4 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 SINGLE-Row SMT Receptacle		
X.X ±0.30	X.X* ±4°		MODEL NO: MUP-U20401-20		
X.XX ±0.20	X.XX* ±3°		TYPE : 16Pin & With Post on board L=7.35		
X.XXX ±0.10	X.XXX* ±2°		DRAW	Roy	2025/03/25
PROJ.	UNIT	SCALE	CHECKED	lucky	2025/03/25
APPROVAL	lucky	2025/03/25	APPROVAL	lucky	2025/03/25
CUSTOMER DRAWING			DWG NO.: DWG-U20401-20-01		
			SHEET 2/2		REVISION 1

